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OM nucleic - nucleic search, using sw model

Run on: April 1, 2003, 03:10:32 ; Search time 1847 Seconds
(without alignments) 957.903 Million cell updates

Title: US-09-813-492-1

Perfect score: 2017
Sequence: 1 tagataccctgaacacctcc.....ataccaaaaaaaaaaaaa 2017

Scoring table: OLIGO NUC

Gapop_60.0 , Gapext 60.0

Searched: 593429 seqs, 438583890 residues

Word size :

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Minimum DB seq length: 9
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Published Applications NA: *

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- 2: /cgn2_6/prodata/2/pubnpa/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/prodata/2/pubnpa/us06_NEW_PUB.seq.*
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- 12: /cgn2_6/prodata/2/pubnpa/us10_PUBCOWB.seq.*
- 13: /cgn2_6/prodata/2/pubnpa/us60_NEW_PUB.seq.*
- 14: /cgn2_6/prodata/2/pubnpa/us60_PUBCOWB.seq.*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	2017	100.0	2017	10	US-09-813-492-1	Sequence 1, Appli
2	498	24.7	731	9	US-09-898-751A-5	Sequence 5, Appli
3	498	24.7	731	9	US-10-146-496-1	Sequence 1, Appli
4	497	24.6	768	10	US-09-931-381A-1	Sequence 1, Appli
5	313	15.5	3117	9	US-09-834-794A-6	Sequence 6, Appli
6	313	15.5	3117	10	US-09-834-795A-6	Sequence 6, Appli
C 7	254	12.6	472	10	US-09-964-824A-56	Sequence 56, Appl
C 8	202	10.0	311	9	US-09-834-794A-11	Sequence 11, Appl
C 9	202	10.0	311	10	US-09-834-795A-11	Sequence 11, Appl
C 10	104	5.2	104	9	US-09-834-794A-8	Sequence 8, Appli
C 11	104	5.2	104	9	US-09-834-794A-35	Sequence 35, Appl
C 12	104	5.2	104	10	US-09-834-795A-8	Sequence 8, Appli
C 13	104	5.2	104	10	US-09-834-795A-35	Sequence 35, Appl
14	91	4.5	445	9	US-10-146-496-4	Sequence 4, Appli
15	69	3.4	496	9	US-10-146-496-3	Sequence 3, Appli
C 16	60	3.0	5000	10	US-09-994-365-7	Sequence 7, Appli
C 17	59	2.9	172	10	US-09-783-590-2802	Sequence 2802, Ap
18	59	2.9	33023	10	US-09-880-107-3350	Sequence 3350, Ap
C 19	56	2.8	1091	9	US-09-822-846-89	Sequence 89, Appl

C	20	54	2.7	30350	9	US-10-118-328-3	Sequence 3, Appli
C	21	53	2.6	56737	10	US-09-782-378A-17	Sequence 17, Appl
C	22	52	2.6	697	9	US-10-091-504-2381	Sequence 2381, Ap
C	23	52	2.6	697	10	US-09-764-869-2381	Sequence 2381, Ap
C	24	52	2.6	1830	10	US-09-731-872-241	Sequence 241, App
C	25	52	2.6	1830	10	US-09-731-872-240	Sequence 240, App
C	26	52	2.6	2492	10	US-09-925-301-593	Sequence 593, App
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C	28	52	2.6	5835	10	US-09-875-228-3	Sequence 3, Appli
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C	33	52	2.6	32188	10	US-09-764-860-799	Sequence 799, App
C	34	52	2.6	170834	10	US-09-635-232-7	Sequence 7, Appli
C	35	51	2.5	88	9	US-10-092-154-1892	Sequence 1892, Ap
C	36	51	2.5	88	9	US-10-091-504-1665	Sequence 1665, Ap
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C	38	51	2.5	88	10	US-09-764-869-1665	Sequence 1665, Ap
C	39	51	2.5	88	10	US-09-764-869-1666	Sequence 1666, Ap
C	40	51	2.5	88	10	US-09-764-847-1892	Sequence 1892, Ap
C	41	51	2.5	3705	10	US-09-764-877-2510	Sequence 2510, Ap
C	42	51	2.5	8447	10	US-09-954-456-543	Sequence 543, App
C	43	51	2.5	8447	10	US-09-880-107-3320	Sequence 3320, Ap
C	44	51	2.5	31730	10	US-09-764-887-3810	Sequence 3810, Ap
C	45	51	2.5	32187	9	US-10-092-154-1550	Sequence 1550, Ap

ALIGNMENTS

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RESULT 1
US-09-813-492-1
/ Sequence 1, Application US/09813492
/ Patent No. US20020009735A1
/ GENERAL INFORMATION:
/ APPLICANT: Labow, Mark A.
/ APPLICANT: Mickanin, Craig Stephen
/ APPLICANT: Bhactia, Umesh
/ TITLE OF INVENTION: MAMMARY GLAND CHEMOKINE
/ FILE REFERENCE: 12345
/ CURRENT APPLICATION NUMBER: US/09/813.492
/ CURRENT FILING DATE: 2001-03-21
/ NUMBER OF SEQ ID NOS: 2
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1
/ LENGTH: 2017
/ TYPE: DNA
/ ORGANISM: HUMAN
US-09-813-492-1

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Db 301 GAGAGCTGATGGGATGTCATCTGGCTGCTGTCATCATCTTCAATGTCAGAGCGCAGAGAAT 360
Qy 361 CTGTGTGAGCGCCGCAACACCATATCTGTTAAGCAGTGGATGAAAGTGCAGAGTCCCAAGAA 420
Db 361 CTGTGTGAGCGCCGCAACACCATATCTGTTAAGCAGTGGATGAAAGTGCAGAGTCCCAAGAA 420
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Db 421 AAATGGTAAAGGAATGTTGGCCACAGAGAAACACATGTCGCAAGAGGAAACAGTAAACAG 480
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RESULT 2

US-09-898-751A-5
; Sequence 5, Application US/09898751A
; Patent No. US20020160024A1
; GENERAL INFORMATION:
; APPLICANT: Oldham, Elizabeth R.
; APPLICANT: Soto, Hortensia
; APPLICANT: Liu, Ying
; APPLICANT: Hudak, Susan A.
; APPLICANT: Horney, Bernhard
; APPLICANT: Morales, Janine M.
; APPLICANT: Kellerman, Sirid-Aimee
; APPLICANT: McEvoy, Leslie M.
; APPLICANT: Bowman, Edward P.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: CHEMOKINE AND RECEPTOR USES; COMPOSITIONS; METHODS
; FILE REFERENCE: DX0882XK
; CURRENT APPLICATION NUMBER: US/09/898,751A
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: US/09/471,549
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US60/136,570
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: US60/113,858
; PRIOR FILING DATE: 1998-12-24
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1

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	LOCATION: (56)..(436)	
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	NAME/KEY: mat peptide	
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	OTHER INFORMATION:	
	NAME/KEY: misc feature	
	LOCATION: (529)..(529)	
	OTHER INFORMATION: unknown amino; may be "A", "C", or "G"	
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Db	303 AGTGGATGAAAGTGCAAGCTGCCAAGAAAAAATGGTAAAGAAAATGTTTGCCACAGGAAGA	362
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RESULT 3
US-10-146-496-1
; Sequence 1, Application US/10146496
; Publication No. US20030031646A1
; GENERAL INFORMATION:
; APPLICANT: Vicart, Alain
; Morales, Janine M
; Hedrick, Joseph A
; Zlotnik, Albert
;
; TITLE OF INVENTION: Mammalian
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
;

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possible
100%

great chance of
infectious
disease

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1 COUNTRY: USA
2
3 ZIP: 94304-1104
4
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6 MEDIUM TYPE: Floppy disk
7
8 COMPUTER: IBM PC compatible
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10 OPERATING SYSTEM: PC-DOS/MS-DOS
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12 SOFTWARE: PatentIn Release #1.0, Version #1.30
13
14 CURRENT APPLICATION DATA: US/10/146,496
15
16 APPLICATION NUMBER: US/10/146,496
17
18 FILING DATE: 15-May-2002
19
20 CLASSIFICATION DATA: <Unknown>
21
22 APPLICATION NUMBER: US/08/978,964A
23
24 FILING DATE: 26-NOV-1997
25
26 APPLICATION NUMBER: US XX/XXX,XXX
27
28 FILING DATE: 24-OCT-1997
29
30 ATTORNEY/AGENT INFORMATION:
31 NAME: Ching, Edwin P.
32
33 REGISTRATION NUMBER: 34,090
34
35 REFERENCE/DOCKET NUMBER: DX0684K1
36
37 TELECOMMUNICATION INFORMATION:
38 TELEPHONE: (650)852-9196
39
40 TELEFAX: (650)496-1204
41
42 INFORMATION FOR SEQ ID NO: 1:
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44 SEQUENCE CHARACTERISTICS:
45 LENGTH: 731 base pairs
46
47 TYPE: nucleic acid
48
49 STRANDEDNESS: single
50
51 TOPOLOGY: linear
52
53 MOLECULE TYPE: cDNA
54
55 FEATURE:
56 NAME/KEY: CDS
57 LOCATION: 56..436
58
59 FEATURE:
60 NAME/KEY: mat_peptide
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62
63 FEATURE:
64 NAME/KEY: misc_feature
65 LOCATION: 565
66
67 OTHER INFORMATION: /note= "nucleotides 565 and 581
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	Best Local Similarity	100.0%;	Pred. No. 3.9e-238;		
	Matches 498;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
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Db	3	CTGATCGAA	CAGCCTCACTTGTGTGTGCTGTCTCAGTGCAGTAGGGCAGGCAGCGAATGCAGC	62	
Qy	153	AGAGGAGACTCGCCCATCGTGGCCCTTGGCTGTCTGTGGCGCCCTACATGSCCTCAGAAGCCA	212		
Db	63	AGAGGAGACTCGCCCATCGTGGCCCTTGGCTGTCTGTGGCGCCCTACATGSCCTCAGAAGCCA	122		
Qy	213	TACTTCCCATTTGCCCTCCAGCTGTTTGCA	CGGAGGTTTTCACATCATATTTCCAGAAGGCTCC	272	
Db	123	TACTTCCCATTTGCCCTCCAGCTGTTTGCA	CGGAGGTTTTCACATCATATTTCCAGAAGGCTCC	182	
Qy	273	TGGAAGAGTGAAATATGTGTGCGCATCCAGAGAGCTGATGGGGATTTGTGACTTGTGCTGTG	332		
Db	183	TGGAAGAGTGAAATATGTGTGCGCATCCAGAGAGCTGATGGGGATTTGTGACTTGTGCTGTG	242		
Qy	333	TCATCTTCATGTCAAGCGGCAAGAAATCTGTGTGTCAGCCCGCAACAACATACTGTTTAAGC	392		
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RESULT 8

US-09-834-794A-11/c
; Sequence 11, Application US/09834794A
; Publication No. US20030026777A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US4
; CURRENT APPLICATION NUMBER: US/09/834,794A
; CURRENT FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 311
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (101)..(101)
; OTHER INFORMATION: n may be a or g or c or t/u
; NAME/KEY: unsure
; LOCATION: (162)..(162)
; OTHER INFORMATION: n may be a or g or c or t/u
US-09-834-794A-11

Query Match 10.0%; Score 202; DB 9; Length 311;
Best Local Similarity 99.3%; Pred. No. 1.6e-90;
Matches 302; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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DB 311 AGCCATCTTCCATTCCTCCAGCTGTTCCAGGAGTTTCCATCATATTTCCAGAG 252
QY 268 GCTCCTGGAAGAGTGAATATGTGTCATCCAGAGAGCTGATGGGATTTGACTTGGC 327
DB 251 GCTCCTGGAAGAGTGAATATGTGTCATCCAGAGAGCTGATGGGATTTGACTTGGC 192
QY 328 TGCTGTCTATCTTCATGTCAGGCGAAGAAATCTGTGTGAGCCCGCACCAACTACTGT 387
DB 191 TGCTGTCTATCTTCATGTCAGGCGAAGAAATCTGTGTGAGCCCGCACCAACTACTGT 132
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DB 131 TAAGCAGTGGATGAAAGTCAAGCTGCAAGTCCAGAGAGTAAAGGAAATGTTTGGCCACAG 72
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QY 508 CGGC 511
DB 11 CGGC 8

RESULT 9

US-09-834-795A-11/c
; Sequence 11, Application US/09834795A
; Patent No. US20020076710A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer

FILE REFERENCE: 3380/11127-US3
; CURRENT APPLICATION NUMBER: US/09/834,795A
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 311
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (101)..(101)
; OTHER INFORMATION: n may be a or g or c or t/u
; NAME/KEY: unsure
; LOCATION: (162)..(162)
; OTHER INFORMATION: n may be a or g or c or t/u
US-09-834-795A-11
Query Match 10.0%; Score 202; DB 10; Length 311;
Best Local Similarity 99.3%; Pred. No. 1.6e-90;
Matches 302; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 208 AGCCATCTTCCATTCCTCCAGCTGTTCCAGGAGTTTCCATCATATTTCCAGAG 267
DB 311 AGCCATCTTCCATTCCTCCAGCTGTTCCAGGAGTTTCCATCATATTTCCAGAG 252
QY 268 GCTCCTGGAAGAGTGAATATGTGTCATCCAGAGAGCTGATGGGATTTGACTTGGC 327
DB 251 GCTCCTGGAAGAGTGAATATGTGTCATCCAGAGAGCTGATGGGATTTGACTTGGC 192
QY 328 TGCTGTCTATCTTCATGTCAGGCGAAGAAATCTGTGTGAGCCCGCACCAACTACTGT 387
DB 191 TGCTGTCTATCTTCATGTCAGGCGAAGAAATCTGTGTGAGCCCGCACCAACTACTGT 132
QY 388 TAAGCAGTGGATGAAAGTCAAGCTGCAAGTCCAGAGAGTAAAGGAAATGTTTGGCCACAG 447
DB 131 TAAGCAGTGGATGAAAGTCAAGCTGCAAGTCCAGAGAGTAAAGGAAATGTTTGGCCACAG 72
QY 448 GAAGAAACACCATGGCAAGAGGAACTAAACAGGGCACATCAGGGGAAACACGAAACATA 507
DB 71 GAAGAAACACCATGGCAAGAGGAACTAAACAGGGCACATCAGGGGAAACACGAAACATA 12
QY 508 CGGC 511
DB 11 CGGC 8
RESULT 10
US-09-834-794A-8/c
; Sequence 8, Application US/09834794A
; Publication No. US20030026777A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US4
; CURRENT APPLICATION NUMBER: US/09/834,794A
; CURRENT FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0


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; SEQ ID NO 8
; LENGTH: 104
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-834-794A-8

Query Match          5.2%; Score 104; DB 9; Length 104;
Best Local Similarity 100.0%; Pred. No. 1.1e-41;
Matches 104; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 745 ACTGGGATTATAGGTGTGAGCCACAGTGCCTGGCCCTAAATTTCTTGTGATCAAAATTC 804
DB 104 ACTGGGATTATAGGTGTGAGCCACAGTGCCTGGCCCTAAATTTCTTGTGATCAAAATTC 45

QY 805 AGGTTTAATGTTTTGGTTAAGAAATTTCTTACGTGAATTCGTGT 848
DB 44 AGGTTTAATGTTTTGGTTAAGAAATTTCTTACGTGAATTCGTGT 1

RESULT 11
US-09-834-794A-35/c
; Sequence 35, Application US/09834794A
; Publication No. US2003002677A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US4
; CURRENT APPLICATION NUMBER: US/09/834,794A
; CURRENT FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 104
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-834-794A-35

Query Match          5.2%; Score 104; DB 9; Length 104;
Best Local Similarity 100.0%; Pred. No. 1.1e-41;
Matches 104; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 745 ACTGGGATTATAGGTGTGAGCCACAGTGCCTGGCCCTAAATTTCTTGTGATCAAAATTC 804
DB 104 ACTGGGATTATAGGTGTGAGCCACAGTGCCTGGCCCTAAATTTCTTGTGATCAAAATTC 45

QY 805 AGGTTTAATGTTTTGGTTAAGAAATTTCTTACGTGAATTCGTGT 848
DB 44 AGGTTTAATGTTTTGGTTAAGAAATTTCTTACGTGAATTCGTGT 1

RESULT 12
US-09-834-795A-8/c
; Sequence 8, Application US/09834795A
; Patent No. US20020076710A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US3
; CURRENT APPLICATION NUMBER: US/09/834,795A
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
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; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 104
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-834-795A-8

Query Match          5.2%; Score 104; DB 10; Length 104;
Best Local Similarity 100.0%; Pred. No. 1.1e-41;
Matches 104; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 745 ACTGGGATTATAGGTGTGAGCCACAGTGCCTGGCCCTAAATTTCTTGTGATCAAAATTC 804
DB 104 ACTGGGATTATAGGTGTGAGCCACAGTGCCTGGCCCTAAATTTCTTGTGATCAAAATTC 45

QY 805 AGGTTTAATGTTTTGGTTAAGAAATTTCTTACGTGAATTCGTGT 848
DB 44 AGGTTTAATGTTTTGGTTAAGAAATTTCTTACGTGAATTCGTGT 1

RESULT 13
US-09-834-795A-35/c
; Sequence 35, Application US/09834795A
; Patent No. US20020076710A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US3
; CURRENT APPLICATION NUMBER: US/09/834,795A
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 104
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-834-795A-35

Query Match          5.2%; Score 104; DB 10; Length 104;
Best Local Similarity 100.0%; Pred. No. 1.1e-41;
Matches 104; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 745 ACTGGGATTATAGGTGTGAGCCACAGTGCCTGGCCCTAAATTTCTTGTGATCAAAATTC 804
DB 104 ACTGGGATTATAGGTGTGAGCCACAGTGCCTGGCCCTAAATTTCTTGTGATCAAAATTC 45

QY 805 AGGTTTAATGTTTTGGTTAAGAAATTTCTTACGTGAATTCGTGT 848
DB 44 AGGTTTAATGTTTTGGTTAAGAAATTTCTTACGTGAATTCGTGT 1

RESULT 14
US-10-146-496-4
; Sequence 4, Application US/10146496
; Publication No. US20030031646A1
; GENERAL INFORMATION:
; APPLICANT: Vicari, Alain
; Morales, Janine M.
; Hedrick, Joseph A.
; Zlotnik, Albert
; TITLE OF INVENTION: Mammalian Chemokines
```

```
/
/
/ NUMBER OF SEQUENCES: 12
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: DNAX Research Institute
/ STREET: 901 California Avenue
/ CITY: Palo Alto
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94304-1104
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/146,496
/ FILING DATE: 15-May-2002
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/978,964A
/ FILING DATE: 26-Nov-1997
/ APPLICATION NUMBER: US xx/xxx,xxx
/ FILING DATE: 24-Oct-1997
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ching, Edwin P.
/ REGISTRATION NUMBER: 34,090
/ REFERENCE/DOCKET NUMBER: DX0684K1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650)852-9196
/ TELEFAX: (650)496-1204
/
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 445 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-146-496-4

Query Match 4.5%; Score 91; DB 9; Length 445;
Best Local Similarity 100.0%; Pred. No. 3.7e-35;
Matches 91; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 276 AAGAGTGAATATGTGCGCATCGAGAGCTGATGGGATTGTGACTTCGGCTGCTCA 335
Db 154 AAGAGTGAATATGTGCGCATCGAGAGCTGATGGGATTGTGACTTCGGCTGCTCA 213

Qy 336 TCCTTCATGTCAAGCGCAGAGATCTGTGT 366
Db 214 TCCTTCATGTCAAGCGCAGAGATCTGTGT 244

RESULT 15
US-10-146-496-3
; Sequence 3, Application US/10146496
; Publication No. US20030031646A1
; GENERAL INFORMATION:
; APPLICANT: Vicari, Alain
; Morales, Janine M.
; Hedrick, Joseph A.
; Zlotnik, Albert
;
; TITLE OF INVENTION: Mammalian Chemokines
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/146,496
/ FILING DATE: 15-May-2002
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/978,964A
/ FILING DATE: 26-Nov-1997
/ APPLICATION NUMBER: US xx/xxx,xxx
/ FILING DATE: 24-Oct-1997
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ching, Edwin P.
/ REGISTRATION NUMBER: 34,090
/ REFERENCE/DOCKET NUMBER: DX0684K1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650)852-9196
/ TELEFAX: (650)496-1204
/
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 496 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-146-496-3

Query Match 3.4%; Score 69; DB 9; Length 496;
Best Local Similarity 100.0%; Pred. No. 3.6e-24;
Matches 69; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 207 AAGCCATACTTCCATTCGCTCCAGCTGTTCACGAGGTTTCACATCATATTTCCAGAA 266
Db 117 AAGCCATACTTCCATTCGCTCCAGCTGTTCACGAGGTTTCACATCATATTTCCAGAA 176

Qy 267 GGCTCCTGG 275
Db 177 GGCTCCTGG 185

Search completed: April 1, 2003, 06:30:31
Job time : 1863 secs
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Db 1909 ACTAAATATAAATTTCAAAACGCTAGTTTGGTAGCTACCGTTGTTGGATTGAAATTTT 1968
Qy 971 CTGATACCTGAAAGAGACAAAAGAGCTGCTTTCTGCGCCAGAACCTTTTGGCTCCCCAGT 1030
Db 1969 CTGATACCTGAAAGAGACAAAAGAGCTGCTTTCTGCGCCAGAACCTTTTGGCTCCCCAGT 2028
Qy 1031 CAGTTCTTGGAGCAGCACTAGTTAGGGGGCCAGAGTTCCGCTCTCTGTTGGTGGATTGTTA 1090
Db 2029 NAGTTCTTGGGCGAGNACTAGTTAGGNCAGAGTTNGGCTTNGGCTTNGGCTGATTTTA 2088
Qy 1091 CGCTCTGCCTAAACAGGAGCCTACATCTTTTAGCTCTCTATTCCACCTTTCTCACAGTT 1150
Db 2089 NGYCTCGCTAAACAGGAGNACATCTTTTAGCTCTCTATTCCACCTTTCTNAMAGTT 2148
Qy 1151 TTTGTTGTTGTTGGTTGTTTGTGAGCAGAGTCTCACTCTG-TTGCCAGAGCTGG 1209
Db 2149 TTTGTTGTTGTTGTTG-TTTTGTGAGCAGAGTCTCACTCTG-TTGCCAGAGCTGG 2207
Qy 1210 AG-TGCAGTGGCAAACTCGGCT-CATTGCAACCTCGGCTCCCG--CGTTCAAGTGAT 1265
Db 2208 ARTTGCAGTGGCACAATYNGGTYNCAITGCAACTCNGCTTCCSSGCCGTTCAAKTAT 2267
Qy 1266 TCTCTTGCCTCAGCT--CCCAAGTAATGATATTACAGGGGCCAGCCACCAACCCCGC 1324
Db 2268 YYCTTGCYTCAGCTCCCAAGTAATGATATTACAGGGGCCAGCCACCAACCCCGN 2327
Qy 1325 TGATTTTGTATTTTGTAGTAGAGCGGGTTTCCACAGTTGGCGGGCTGGTCTCAAC 1384
Db 2328 TGAATTTTGTATTTTARTARARMRGGTTTCCCGCNTTGGCGGGCTGGTCTCNAAN 2387
Qy 1385 T-CITGACCTCAAGTGAACCAACCGCTGCTGCCCTCCCAAGTGTGGAATACCAGCG-T 1442
Db 2388 TCCTTGAWCTCAATGAAACCAACCGCTGCTGCCCTCCCAAGTGTGGAATACCAGCTT 2447
Qy 1443 GAGCCACCATGCGGGCTCACAGCTTTGAG-TTGATACCAATGTCGCATTTCTCTTTGG 1501
Db 2448 GANCCACCATGCGGGCYCACAGCTTTGARTTTGAGNACCAATGTCCTCTTTGG 2507
Qy 1502 CTTCTTTTGTTCATAGAGCTTCAAGATAGATAGTAGAGCCAGTAGT-GTTCAATA 1560
Db 2508 CTTCTTTTGTTCATAGAGCTTCAAGATAGATAGTAGAGCCAGTAGT-GTTCAATA 2567
Qy 1561 AGAAGCAATAGAGCAGAGGAGCAGCTTTA--TCAGTGGCAGGTGTCGCGGCTCCCT 1618
Db 2568 RGAAGCMAATAGRANRGGARCCANTTTTATCAGTGGGCGAGGTGTCGCGGCTCCCT 2627
Qy 1619 GCTGGCTAGTCCCAAGCGGTGGTGTGCGAGGATGCTTTGGAGGTGATAATGGGACAC 1678
Db 2628 GCTGGYTNNTCCCAAGCGGTGGTGTGCGAGGATGCTTTGGAGGTGATAATGGGACAC 2687
Qy 1679 --AGAGGACAGTCTCCATAGGTTAAATGCCACAAACCTGGCCCTT-GCTTAATAT 1735
Db 2688 CAGNAGGCMCTGAGTYNCNNTAGTTTAAATGCCACAAACCTGGCCCTTTGGCCCTAAT 2747
Qy 1736 CCCTCATTGACTATTAGCAATTAATTTATTTTCTGACATTTCTGCAAG-CTTTG 1794
Db 2748 CCYTCNTGAWTANTTARCATTTATTTATTTATTTTNCCTGACATTTTGMANCCCTTTG 2807
Qy 1795 TATTATATTTCATATATAGATGAGGAAATTTGAGGCTCTTAGAGGTAAATGACTTG 1854
Db 2808 TWTNTTATTTCCNCTNTATARAWARGAAATTTGAGGNTYTTARAGTAAATGANTTG 2867
Qy 1855 CCCAGGT-CACACAGGAGTGGCAGAGCAAGCTTTTAAATAGAAAAATTAATAAAA 1913
Db 2868 CMCNRGTNNACMCAGGAGTGGCNRANRANCTTTTANATNNAAAAAATTAATAAAA 2927
Qy 1914 TATAATATGAGAGTAATTAATAATTAATAAACCAATTTTAAATTAATTAACCGTGA 1973
Db 2928 TATAATATGAGAGTAATTAATAATTAATAAACCAATTTTAAATTAATTAACCGTGA 2987
Qy 1974 TAACCAACATTAATAAAGTTTAAGATACCAAAAAA 2008

Db 2988 TAACCAACATTAATAAAGTTTAAGATACCAAAAAA 3022
RESULT 2
US-09-146-580-7
; Sequence 7, Application US/09146580A
; Patent No. 6306653
; GENERAL INFORMATION:
; APPLICANT: Papsidero, Lawrence D
; APPLICANT: Dyester, Lyn M
; APPLICANT: Frustaci, Jana M
; TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE
; FILE REFERENCE: 200755/1002
; CURRENT APPLICATION NUMBER: US/09/146,580A
; CURRENT FILING DATE: 1998-09-03
; EARLIER APPLICATION NUMBER: 60/071,889
; EARLIER FILING DATE: 1998-01-20
; EARLIER APPLICATION NUMBER: 60/092,155
; EARLIER FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 381
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (207)
; OTHER INFORMATION: N at position 207 is either A, C, G, or T
; NAME/KEY: unsure
; LOCATION: (272)
; OTHER INFORMATION: N at position 272 is either A, C, G, or T
US-09-146-580-7
Query Match 18.8%; Score 379; DB 4; Length 381;
Best Local Similarity 99.5%; Pred. No. 4.6e-76;
Matches 379; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 147 TGCAGCAGAGAGACTCGCCATCGTGGCTTGGCTGCTGTCGGCCCTACATGCCTCAG 206
Db 1 TGCAGCAGAGAGACTCGCCATCGTGGCTTGGCTGCTGTCGGCCCTACATGCCTCAG 60
Qy 207 AAGCCATCTTCCATTCCTGCTCCAGCTGTTGCAACGAGGTTTTCATCATATTTCCAGAA 266
Db 61 AAGCCATCTTCCATTCCTGCTCCAGCTGTTGCAACGAGGTTTTCATCATATTTCCAGAA 120
Qy 267 GGTCTCTGAAAGAGTGAATATGTGTCGATCCAGAGACTGATGGGATTTGTGACTTG 326
Db 121 GGTCTCTGAAAGAGTGAATATGTGTCGATCCAGAGACTGATGGGATTTGTGACTTG 180
Qy 327 CTGCTCTCATCTTTCATGTCAGCGCAGAGAAATCTGTGTCAGCCGCGCACCACTACTG 386
Db 181 CTGCTCTCATCTTTCATGTCAGCGCAGAGAAATCTGTGTCAGCCGCGCACCACTACTG 240
Qy 387 TTAAGCAGTGGATGAAGTGAAGTGCAGAGTCCCAAGAAATGTTAAAGGAAATGTTTGCACA 446
Db 241 TTAAGCAGTGGATGAAGTGAAGTGCAGAGTCCCAAGAAATGTTAAAGGAAATGTTTGCACA 300
Qy 447 GGAAGAAACACCATGTCGCAAGAGGAAACAGTAAACGAGGCACATCAGGGGAAACACGAAACAT 506
Db 301 GGAAGAAACACCATGTCGCAAGAGGAAACAGTAAACGAGGCACATCAGGGGAAACACGAAACAT 360
Qy 507 ACGGCCATAAACTCCTTATT 527
Db 361 ACGGCCATAAACTCCTTATT 381

RESULT 3
US-09-146-580-11/c
; Sequence 11, Application US/09146580A
; Patent No. 6306653
; GENERAL INFORMATION:

```

; APPLICANT: Papsidero, Lawrence D
; APPLICANT: Dyster, Lyn M
; APPLICANT: Frustaci, Jana M
; FILE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE
; TITLE REFERENCE: 200755/1002
; CURRENT APPLICATION NUMBER: US/09/146,580A
; EARLIER FILING DATE: 1998-09-03
; EARLIER APPLICATION NUMBER: 60/071,889
; EARLIER FILING DATE: 1998-01-20
; EARLIER APPLICATION NUMBER: 60/092,155
; EARLIER FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 11
; LENGTH: 311
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (101)
; OTHER INFORMATION: N at position 101 is either A, C, G, or T
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (162)
; OTHER INFORMATION: N at position 162 is either A, C, G, or T
; US-09-146-580-11

Query Match 15.0%; Score 302; DB 4; Length 311;
Best Local Similarity 99.3%; Pred. No. 7.1e-59;
Matches 302; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 208 AGCCATACCTCCCATGCTCCAGCTGTTGCGACGGAGTTTCATCATATTTCCAGAAG 267
DB 311 AGCCATACCTCCCATGCTCCAGCTGTTGCGACGGAGTTTCATCATATTTCCAGAAG 252
QY 268 GTCCTCGAAGAGTGATATGTGTCATCCAGAGCTGATGGGATTTGACITGGC 327
DB 251 GTCCTCGAAGAGTGATATGTGTCATCCAGAGCTGATGGGATTTGACITGGC 192
QY 328 TGCTGTGTCATCTTCATGTCAGGCGCAAGAAATCTGTGTCAGCCGCGCACCAACCATCTGT 387
DB 191 TGCTGTGTCATCTTCATGTCAGGCGCAAGAAATCTGTGTCAGCCGCGCACCAACCATCTGT 132
QY 388 TAAGCAGTGATGAAAGTGCAAGTGCCAGAGAAATGTTAAAGGAATGTTGCCACAG 447
DB 131 TAAGCAGTGATGAAAGTGCAAGTGCCAGAGAAATGTTAAAGGAATGTTGCCACAG 72
QY 448 GAAGAAACCATGGCGAAGAGGAAACAGTAACAGGGCACATCAGGGGAAACACGAAACATA 507
DB 71 GAAGAAACCATGGCGAAGAGGAAACAGTAACAGGGCACATCAGGGGAAACACGAAACATA 12
QY 508 CGGC 511
DB 11 CGGC 8

RESULT 4
US-08-814-095-7/c
; Sequence 7, Application US/08814095
; Patent No. 6025183
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Zakut, Haim
; APPLICANT: Shani, Moshe
; TITLE OF INVENTION: TRANSGENIC ANIMAL ASSAY SYSTEM FOR
; * NUMBER OF SEQUENCES: 7
; * CORRESPONDENCE ADDRESS:
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 No. 6025183thwestern Highway, Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: U.S.
;

; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/814,095
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Montgomery, Ilene N.
; REGISTRATION NUMBER: 38,972
; REFERENCE/DOCKET NUMBER: 2391.00066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35060 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Cosmid including ACHE
; DESCRIPTION: promotor, ACHE gene and ARS gene"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: 7q22
; FEATURE:
; NAME/KEY: promotor
; LOCATION: 4089..22464
; OTHER INFORMATION: /function= "ACHE Promotor"
; OTHER INFORMATION: /standard_name= "ACHE Promotor"
; FEATURE:
; NAME/KEY: exon
; LOCATION: 22465..22537
; OTHER INFORMATION: /function= "non-translated"
; OTHER INFORMATION: /gene= "ACHE"
; OTHER INFORMATION: /number= 1
; FEATURE:
; NAME/KEY: exon
; LOCATION: 24090..25177
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /function= "(translation start:
; OTHER INFORMATION: 24110)"
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /gene= "ACHE"
; OTHER INFORMATION: /number= 2
; FEATURE:
; NAME/KEY: exon
; LOCATION: 25524..26009
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /gene= "ACHE"
; OTHER INFORMATION: /number= 3
; FEATURE:
; NAME/KEY: exon
; LOCATION: 27005..27274
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /gene= "ACHE"
; OTHER INFORMATION: /number= 4
; FEATURE:
; NAME/KEY: exon
; LOCATION: 27255..28007
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /gene= "ACHE"
; OTHER INFORMATION: /number= 5

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; NAME/KEY: terminator
; LOCATION: 27385..27387
; FEATURE:
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; NAME/KEY: exon
; LOCATION: 28008..28129
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /gene= "ACHE"
; OTHER INFORMATION: /number= 6
; FEATURE:
; NAME/KEY: terminator
; LOCATION: 28129..28131
; FEATURE:
;
; NAME/KEY: exon
; LOCATION: complement (34528..34895)
; OTHER INFORMATION: /function= "arsenite resistance"
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 1
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (33779..33963)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 3
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (33493..33591)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 4
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (33297..33408)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 5
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (32959..33094)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 6
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; NAME/KEY: exon
; LOCATION: complement (32569..32628)
; OTHER INFORMATION: /gene= "AR"
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; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (32386..32468)
; OTHER INFORMATION: /gene= "AR"
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; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (31894..32080)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 9
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (31363..31534)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 10
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (31131..31284)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 11
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (30816..31011)
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; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 12
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; NAME/KEY: exon
; LOCATION: complement (30470..30626)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 13
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (30187..30274)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 14
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (29945..30073)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 15
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (29664..29856)
; OTHER INFORMATION: /gene= "ARS"
; OTHER INFORMATION: /number= 16
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; US-08-814-095-7
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; Query Match 11.4%; Score 230; DB 3; Length 35060;
; Best Local Similarity 57.7%; Pred. No. 3.2e-42;
; Matches 486; Conservative 0; Mismatches 350; Indels 6; Gaps 4;
;
; QY 669 GCGGTATGCAAAATGTAGCCAATAATATCTAACTCTCTGGGCTCAAGGGATCTCCAC 728
; Db 8199 GGGGTCTTGTATGTTGCCAGGCTGGTCTCGAATCGTGAGCTCAAGCAATCTCCGC 8140
;
; QY 729 CTTAGCCTCCCAAGTACTGGGATTATAGGTGAGCAGCAGTCTGSCCTCAATATT 788
; Db 8139 CTCAGCCTCCCAAGTCTGGGATTATAGGATGAGCAGCAGTCTGCTGCTACGTTTT 8080
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; QY 789 TCTTGATCAAAATTCAGGTTTAAATGTTTTTGGTTTAAAGATTTCTAGTGAATTCGT 848
; Db 8079 ATTTTAAATGAGCAATTAAGGAATGCAGTCTTTTAAATCAGAACTCTGCAATGCTTT 8020
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; QY 849 ACTTATTTGTCATTTAGAGTTCAATAATATAGGGTTTATTTTCTAATAGAAATAGTT 908
; Db 8019 ATCTAGATGCTTATTTGCCACTTTTGTCTTATGAAATTTTGTCTCAAGAAAGCAGGA 7960
;
; QY 909 AAATTAATATAACTTCAAAACGCTAGTTTGAGTAGTCTACGTTGTTTGGATTGAAAT 968
; Db 7959 TTACATTTTTTTTCTTACAGATTGAGTTGGTG-ATGTGTTATTCTTGGTTACCAAAATG 7901
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; QY 969 TTCTGATCTGAAAGAACAAAGAGCTGCTCTTCTGCCAGAACCTTTTGCTCTCCCA 1028
; Db 7900 CTCACATAGCTTTAGGTTTGAATGGTAAATAT--TCATGATGGTGAAAAAGCATAA 7844
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; QY 1029 GTCAAGTTCTTGAGCAGCAGCTAGTTAGGGGCCAGAGTTGGGCTTCTGTGTGGTGA 1088
; Db 7843 TAGCTATTGTGTGATCTCAGTCTCTATGAGATTGGATGTTCTGCTACACCCAGGCCCTA 7784
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; QY 1089 TAGCTCTGCCTAAA-CAAGGAGCTACATCTTTTAGTCTCTATTCCACCTTCTCACAC 1147
; Db 7783 GAAGGAATGTCAAGCTGTAAATGCTGTGATGTGGAGGACTTTGTTTTTCTTCCTG 7724
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; QY 1148 GTTTTGTGTTGTTGTTGTTGTTTTTTTGTAGACAGAGTCTCACTCTGTTGCCAGGCT 1207
; Db 7723 TTTTTCATTTCTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTT 7664
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; QY 1208 GAGTGCAGTGGCAAACTCTCGGCTCATTTGCAACTTCGGCTTCCCGGTTCAAGTGATTC 1267
; Db 7663 GAAGTGAATGACGAGTCTTGGCTCACTGCAACCTTCGGCTCTTGGAGCTCAAGGATTC 7604
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; QY 1268 TCTTGCTCAGCTCCCAAGTAACTGATATTACAGCGCCAGCCACACACCCCGCTGA 1327
; Db 7603 TCTTGCTCAGCTCTCTGTAATAGCTGGGATTAACAGGC-ACATGCCACCAACACCCCGCTAA 7545
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; QY 1328 TTTTGTGTTTTTTAGTAGAGACGGGGTTTTTCCACAGTTGGCGGGCTGTGTTCTCAAACTCT 1387
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Db 7544 TTTTGTGTAATTTTAGTAGAGATGAGGTTTCCACCATGTGGCCAGGCTGGTCTTGAATTC 7485
Qy 1388 TGACCTCAAGTGAACACCGCCTGTGCTCCCAAGTGTCTGAAATTTACCAGGTGAGCC 1447
Db 7484 TGACTTCAGGTGATCACCGCCTCGCCCTCCCAAGTGTCTATGATTTACAGGATAGCC 7425
Qy 1448 ACCATCGCGGCTCACACGTTTGAGTTGATPACCAATTTGTGCAATCTCTTTTGGCCTCTT 1507
Db 7424 ACTGTGCGCGCTATTCTTCTATCTAATGATTTTGTAGCTATCAACCAACCTCTC 7365
Qy 1508 TT 1509
Db 7364 TT 7363

RESULT 5
US-09-810-347-3
; Sequence 3, Application US/09810347
; Patent No. 6461847
; GENERAL INFORMATION:
; APPLICANT: YE, Jane et al.
; TITLE OF INVENTION: ISOLATED HUMAN ENZYME PROTEINS, NUCLEIC
; FILE OF INVENTION: ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: CL001169
; CURRENT APPLICATION NUMBER: US/09/810,347
; CURRENT FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 42571
; TYPE: DNA
; ORGANISM: Human
US-09-810-347-3

Query Match 11.1%; Score 224; DB 4; Length 42571;
Best Local Similarity 83.9%; Pred. No. 7.4e-41;
Matches 265; Conservative 0; Mismatches 50; Indels 1; Gaps 1;

Qy 1149 TTTTGTGTTGTTGGTGTGTTTGTGTTTGTGAGACAGAGTCTCACTGTGTTGCCAGGCTG 1208
Db 36514 TTCTTTTGTGTTAGTGTGTGTTTGTGAGATAGAGTCTCGTCTGTGTACCCAGGCTG 36573
Qy 1209 GAGTGCAGTGGCACTCTCGGCTCATTTGCACTCCGCTCCCGGCTTCAAGTATCT 1268
Db 36574 GAGTGCAGTGGCGAATCTCGGCTCACTGCACCTCCACCTCTCTGTTTCAAAAGATCT 36633
Qy 1269 CTGTGCTCAGCCTCCCAAGTAAGTATTTACAGCGCCCGCCAGCCACACACCCGCTGAT 1328
Db 36634 CTGTGCTCAGCCTCCTGAGTAGCTGGGATTTACAGGCGCCG-GCACCATGCCAGCTAAT 36692
Qy 1329 TTTTGTATTTTATAGTAGAGACGGGTTTCCACGTTGGCGGGGCTGGTCTCAAACTCTT 1388
Db 36693 TTTTGTATTTTATAGTAGAGACGGGTTTCCCATGTTGGCGAGGCTGGTCTCGAATCTCT 36752
Qy 1389 GACCTCAAGTGAACACCGCCTGTGCTCCCAAGTGTGGAATTTACACGCTGAGCCA 1448
Db 36753 GACCTCAGGTGATTTACCCGCTGGGCTTCCAAATGCTGGGATTTACAGCGGTGAGCCA 36812
Qy 1449 CCATGCGGGCTCACA 1464
Db 36813 CCATGGCTGGCCCAA 36828

RESULT 6
US-09-183-266A-16/c
; Sequence 16, Application US/09183266A
; Patent No. 6361954
; GENERAL INFORMATION:
; APPLICANT: Stillman, Bruce
; APPLICANT: Williams, R. Sanders
; APPLICANT: Mendez, Juan
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; TITLE OF INVENTION: DNA REPLICATION-REGULATING GENES,
; FILE OF INVENTION: ANTIBODIES THERETO AND DIAGNOSTIC APPLICATIONS THEREOF
; FILE REFERENCE: CSHL96-01A3
; CURRENT APPLICATION NUMBER: US/09/183,266A
; CURRENT FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: PCT/US97/07333
; PRIOR FILING DATE: 1997-05-02
; PRIOR APPLICATION NUMBER: 08/648,650
; PRIOR FILING DATE: 1996-05-15
; PRIOR APPLICATION NUMBER: 08/643,034
; PRIOR FILING DATE: 1996-05-02
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 16
; LENGTH: 685
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-183-266A-16

Query Match 10.9%; Score 220.2; DB 4; Length 685;
Best Local Similarity 81.8%; Pred. No. 1.7e-40;
Matches 266; Conservative 0; Mismatches 58; Indels 1; Gaps 1;

Qy 1144 ACACGTTTGTGTTGTTGTTGTTTGTGTTTGTGAGACAGAGTCTCACTCTGTGCCCCA 1203
Db 503 ACTCTTTCTTTCTTTCTTTCTTTTCTTTTCTTTGAGACGAGTCTCACTCTGTGCCCCA 444
Qy 1204 GGCTGAGTGCAGTGGCAACAATCTCGGCTCATTTGCAACCTCCCGCTCCCGGTTCAAGTG 1263
Db 443 GGCTGAATGCAATGCAACANCTCACTCAATTTGCAACCTCTGCTTCCCGGTTGAAGTG 384
Qy 1264 ATTCTCTTGCCTCAGCTCCCAAGTAAGTATTTACAGCGCCCGCCAGCCACACACCCCG 1323
Db 383 ATTCTCTGCTCAGCTCCCAAGTAGCTGGGATTTCAAGGATGCA-CCACCAACACCCAG 325
Qy 1324 CTGATTTTGTATTTTAGTAGAGACGGGTTTCCACGTTGGCGGGTGTGCTCTCAA 1383
Db 324 CTAATTTTATATTTTAGTAGAGATGGGGTTTCGCCACATTTGGCCAGGCTGTGTTGAA 265
Qy 1384 CTCTTCACTCAAGTCAACACCCGCTGTGCTTCCCAAGTCTGGAATTTACAGCGTG 1443
Db 264 CTCTGACCTCAGTGATCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 205
Qy 1444 AGCCACCATGCGGGCTCACAGTT 1468
Db 204 AGCCACCGCACCGGCTACTCTTT 180

RESULT 7
US-09-061-702-1
; Sequence 1, Application US/09061702
; Patent No. 6165737
; GENERAL INFORMATION:
; APPLICANT: Wang, Xiaodong
; APPLICANT: Liu, Xuesong
; TITLE OF INVENTION: DNA FRAGMENTATION FACTOR INVOLVED IN
; TITLE OF INVENTION: APOPTOSIS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/061,702
; FILING DATE: Concurrently Herewith
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LENGTH: 1701
TYPE: DNA
ORGANISM: BAC-F2 contig 5
US-09-078-294-9

Query Match 10.6%; Score 213.2; DB 4; Length 1701;
Best Local Similarity 76.9%; Pred. No. 7.9e-39;
Matches 286; Conservative 0; Mismatches 83; Indels 3; Gaps 2;

QY 1097 GCCTAAACAGGAGCCATCTTTAGCTCCCTATTCACCCCTCTCTCACACGCTTTTGTG 1156
DB 1040 GCAGATAAATGGCTCTCTTCATTTTGATTCATTTACTCTTTCTTTTATTTATTTAT 1099
QY 1157 GTTGTGTTGGTTGTTTTTTTGGAGACAGAGTCTCACTCTGTGCCCCAGGCTGGAGTGCAG 1216
DB 1100 ATTATTATTTTCTTGAGAGAGAGTCTCGCTCTGTGCCCCAGGCTGGAGTGCAG 1159
QY 1217 TGGCACAATCTCGGCTCATTTGCAACCTCCGCTCCCGGTTCAAGTGATTTCTTGTGCTC 1276
DB 1160 TGGCGTGATCTCGGCTCACTGCAACCTCTGCCTCCCGGTTCAAGCGATTTCTCTGCTC 1219
QY 1277 AGCTCCCAAGTACTGATATTACAGCGGCCAGCACACACCCGCTCATTTTGTAT 1336
DB 1220 AGCTCCCAAGTACTGATATTACAGCGATGC-GCCACACAGCCGCTTAATTTTGTAA 1278
QY 1337 TTTTAGTAGAGACGGGGTTTTTCCACGTTGGCCGGCTGTCTCAAACTCTTGACCTCAA 1396
DB 1279 TTTTAGTAGAGATGGGTTTTCACCATGTTGTCAGGCTGTGTCAAACTCTTGACCT-T 1336
QY 1397 GTGAACACCCGCTGTGCTTCCCAAAAGTGTGGAATACAGGCTGAGCACCATGCGG 1456
DB 1337 GTGATCGCTGCTGCTGACCTCCCAAAAGTGTGGAATACAGGCTGAGCACCATGCGG 1396
QY 1457 GGCTCACAGTT 1468
DB 1397 GGCCTACTCTTT 1408

RESULT 12
US-08-781-891-79/c
Sequence 79, Application US/08781891
Patent No. 6090620
GENERAL INFORMATION:
APPLICANT: Fu, Ying-Hui
APPLICANT: Yu, Chang-En
APPLICANT: Oshima, Junko
APPLICANT: Mulligan, John T.
APPLICANT: Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
TITLE OF INVENTION: WERNER'S SYNDROME
NUMBER OF SEQUENCES: 209
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED AND BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,891
FILING DATE: 27-DEC-1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 240052.419
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 87350 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-781-891-79
Query Match 10.6%; Score 212.8; DB 3; Length 87350;
Best Local Similarity 81.4%; Pred. No. 2.9e-38;
Matches 258; Conservative 0; Mismatches 58; Indels 1; Gaps 1;
QY 1144 ACACGTTTTTGTGTGTGTTGTTTTTTTGGAGACAGAGTCTCACTCTGTGTTGCCCA 1203
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QY 1204 GCGTGGAGTGCAGTGGCAATCTCGGCTCATTCGAACCTCGGCTCCGCGTTCAAGTG 1263
DB 42239 GGCTGAAGTGCAGTGGCAATCTTTGACTCACTGCAACCTCCACCTCTGGGTTCAAGCA 42180
QY 1264 ATTCTTTGCTCAGCTCCCAAGTAACTGATATTACAGGGCCCCAGCACACACCCCG 1323
DB 42179 ATCTCTGCTCAGCTCCTGAACTGAACTGAACTGAACTGAACTGAACTGAACTGAA 42121
QY 1324 CTGATTTTGTATTTTGTAGTAGAGACGGGGTTTTTCCACGTTGGCCGGCTGGTCTCAA 1383
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QY 1384 CTCTTGACCTCAAGTGAACACCCCGCTGTGCTTCCCAAGTGTGGAATACACACCGTG 1443
DB 42060 CTCTTGACCTCAAGTGAATCTGCTGCTTCCGCTTCCCAAGTGTGGAATACACACCGTG 42001
QY 1444 AGCCACCATGCCGGCT 1460
DB 42000 AGCCACCATGCCAGCT 41984

RESULT 13
US-09-791-211-3/c
Sequence 3, Application US/09791211
Patent No. 6448080
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
FILE REFERENCE: RTS-0205
CURRENT APPLICATION NUMBER: US/09/791,211
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 3
LENGTH: 87543
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 7421
OTHER INFORMATION: unknown
NAME/KEY: unsure
LOCATION: 7427
OTHER INFORMATION: unknown
NAME/KEY: unsure
LOCATION: 11609
OTHER INFORMATION: unknown
NAME/KEY: unsure
LOCATION: 12605
OTHER INFORMATION: unknown
NAME/KEY: unsure
LOCATION: 12742
OTHER INFORMATION: unknown
NAME/KEY: unsure
LOCATION: 29370
OTHER INFORMATION: unknown

Db 241 GGAGGTTTCACATCATATTTCCAGAGGCTCTCGAAGAGTGAAATATGTGTGCGCATCCA 300
Qy 301 GAGAGCTGATGGGATTTGAGCTTGGCTGTGCTCATCTCTCATCTCAAGCGCAGAGAAT 360
Db 301 GAGAGCTGATGGGATTTGAGCTTGGCTGTGCTCATCTCTCATCTCAAGCGCAGAGAAT 360
Qy 361 CTGTGTGAGCGCCGACACCACTACTGTTAAGCAGTGGATGAAAGTGCAGAGTGCAGAA 420
Db 361 CTGTGTGAGCGCCGACACCACTACTGTTAAGCAGTGGATGAAAGTGCAGAGTGCAGAA 420
Qy 421 AATAGTAAAGGAATTTGTGCCACAGAGAGAAACACATGCGCAAGAGGAAACAGTAACAG 480
Db 421 AATAGTAAAGGAATTTGTGCCACAGAGAGAAACACATGCGCAAGAGGAAACAGTAACAG 480
Qy 481 GGCACATCAGGGGAAACAGGAACATACGCGCATAAACCTCTTATTAGAGAGTCTACAG 540
Db 481 GGCACATCAGGGGAAACAGGAACATACGCGCATAAACCTCTTATTAGAGAGTCTACAG 540
Qy 541 ATAAATCTACAGAGACAATTCCTCAAGTGGACTTGGCCATGATTTGGTTGTAAGTTTATCA 600
Db 541 ATAAATCTACAGAGACAATTCCTCAAGTGGACTTGGCCATGATTTGGTTGTAAGTTTATCA 600
Qy 601 TCTGAATTCCTTATTGTAGACAACAGAAACAAACAAATATTTGGTTTAAAAATGA 660
Db 601 TCTGAATTCCTTATTGTAGACAACAGAAACAAACAAATATTTGGTTTAAAAATGA 660
Qy 661 ACATTCGCGGTATGCAATGTAGCCAAATATATCTCAAACTCTCGGCTCAAGCGAT 720
Db 661 ACATTCGCGGTATGCAATGTAGCCAAATATATCTCAAACTCTCGGCTCAAGCGAT 720
Qy 721 CCTCCACCTTAGCCTCCCAAGTACTGGGATTTAGTGTGAGCCACAGTGCCTGCGCT 780
Db 721 CCTCCACCTTAGCCTCCCAAGTACTGGGATTTAGTGTGAGCCACAGTGCCTGCGCT 780
Qy 781 AATTAATTTCTGTGATCAAAATTCAGGTTTAAAGTTTGGTTTAAAGAAATTTCTACGTGA 840
Db 781 AATTAATTTCTGTGATCAAAATTCAGGTTTAAAGTTTGGTTTAAAGAAATTTCTACGTGA 840
Qy 841 ATTCGTGCTACTTATTGTCAATTTAGAGTTCATAAATATTAGGTTTATTCTTAATAG 900
Db 841 ATTCGTGCTACTTATTGTCAATTTAGAGTTCATAAATATTAGGTTTATTCTTAATAG 900
Qy 901 AATAGTTTAAACTAATAATTAACCTTCAAAAGCTCTAGTTAGTACGCTGTTTGGGA 960
Db 901 AATAGTTTAAACTAATAATTAACCTTCAAAAGCTCTAGTTAGTACGCTGTTTGGGA 960
Qy 961 TTGAAATTTCTGATACGCTTAAAGAGAAACAAAGCTGCTGCTTCTGCGCAGAACCTTTTGC 1020
Db 961 TTGAAATTTCTGATACGCTTAAAGAGAAACAAAGCTGCTGCTTCTGCGCAGAACCTTTTGC 1020
Qy 1021 CTCCCGCAGTCAGTCTTGGAGCAGCACTAGTTAGGGGCGCAGAGTTGCGCTTCTGCTGT 1080
Db 1021 CTCCCGCAGTCAGTCTTGGAGCAGCACTAGTTAGGGGCGCAGAGTTGCGCTTCTGCTGT 1080
Qy 1081 GGTGATTTTACGCTCTGCTTAAACAGAGCCTACATCTTTAGCTCTCTATTCCACCCCTT 1140
Db 1081 GGTGATTTTACGCTCTGCTTAAACAGAGCCTACATCTTTAGCTCTCTATTCCACCCCTT 1140
Qy 1141 CTACACGTTTTTGTGTTGTTGTTTGTGTTTTTGTGAGACAGAGTCTCACTCTGTGTC 1200
Db 1141 CTACACGTTTTTGTGTTGTTGTTTGTGTTTTTGTGAGACAGAGTCTCACTCTGTGTC 1200
Qy 1201 CCAGGCTGGAGTGAGTGGCAATCTCGGCTCATTCGCACTCCGCTCCCGGTTCAA 1260
Db 1201 CCAGGCTGGAGTGAGTGGCAATCTCGGCTCATTCGCACTCCGCTCCCGGTTCAA 1260
Qy 1261 GTGATTTCTCTGCTCAGCCTCCCAAGTAATCTGATATTATACAGCGCCAGCCACACACC 1320
Db 1261 GTGATTTCTCTGCTCAGCCTCCCAAGTAATCTGATATTATACAGCGCCAGCCACACACC 1320
Qy 1321 CCGCTGATTTTTTGTATTTTGTAGTAGAGCGGGTTTTTCCACGTTGCGGGCTGGTCTC 1380
Db 1321 CCGCTGATTTTTTGTATTTTGTAGTAGAGCGGGTTTTTCCACGTTGCGGGCTGGTCTC 1380

Qy 1381 AAACCTCTTGACCTCAAGTGAAACCCACCGCTGTGCTCCCAAGTGCTGGAATTTACCAGC 1440
Db 1381 AAACCTCTTGACCTCAAGTGAAACCCACCGCTGTGCTCCCAAGTGCTGGAATTTACCAGC 1440
Qy 1441 GTGAGCCACATGCGCGGCTCACAGTTTGTAGTTGATGATTCATTTGCGCATTTCTCTTTTG 1500
Db 1441 GTGAGCCACATGCGCGGCTCACAGTTTGTAGTTGATGATTCATTTGCGCATTTCTCTTTTG 1500
Qy 1501 GCCTCTTTTGTCCATAGAGGCTTCAAGATAGATAGGTAAGAGCCAGTAGTGTTCATA 1560
Db 1501 GCCTCTTTTGTCCATAGAGGCTTCAAGATAGATAGGTAAGAGCCAGTAGTGTTCATA 1560
Qy 1561 AGAAGCCAATAGAGAGCAGGAGCCACTTTATCAGGTGGCAGGTGTCCCGGGCTCCCTGC 1620
Db 1561 AGAAGCCAATAGAGAGCAGGAGCCACTTTATCAGGTGGCAGGTGTCCCGGGCTCCCTGC 1620
Qy 1621 TGGCTAGTCCCAAGCGGTGTGTCAGGATGTCTTGGAGGTGATAATGGGACACACAG 1680
Db 1621 TGGCTAGTCCCAAGCGGTGTGTCAGGATGTCTTGGAGGTGATAATGGGACACACAG 1680
Qy 1681 AGGCACTGAGTCTCCATAGGTTAAATGCAACCAAACTGGCCTTTGCTATATCCCTC 1740
Db 1681 AGGCACTGAGTCTCCATAGGTTAAATGCAACCAAACTGGCCTTTGCTATATCCCTC 1740
Qy 1741 ATTGACTATTATTAGCATTTAATTTATTATTCTCTGACATTTCTGCAAGCTTTGTATTTA 1800
Db 1741 ATTGACTATTATTAGCATTTAATTTATTATTCTCTGACATTTCTGCAAGCTTTGTATTTA 1800
Qy 1801 TATTTCCACTTTATAGATGAGGAAATTTGAGGCTCTTAGAGTAAATGACTTTGCCAGG 1860
Db 1801 TATTTCCACTTTATAGATGAGGAAATTTGAGGCTCTTAGAGTAAATGACTTTGCCAGG 1860
Qy 1861 TCACACAGGAGTGGCAGAGACAGCTTTTAAATTAAGAAAAATTAATTAATATAATA 1920
Db 1861 TCACACAGGAGTGGCAGAGACAGCTTTTAAATTAAGAAAAATTAATTAATATAATA 1920
Qy 1921 TGAGAGTAACTTAAATATTTAAATAAACCAATTTTAAATTAATTAACCGTGATAACCAA 1980
Db 1921 TGAGAGTAACTTAAATATTTAAATAAACCAATTTTAAATTAATTAACCGTGATAACCAA 1980
Qy 1981 CATTAAATAAAGTTAAGATACCAAAAAA 2017
Db 1981 CATTAAATAAAGTTAAGATACCAAAAAA 2017

RESULT 2

US-09-834-794A-6
; Sequence 6, Application US/09834794A
; Publication No. US2003002677A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US4
; CURRENT APPLICATION NUMBER: US/09/834,794A
; CURRENT FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 3117
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(3117)

OTHER INFORMATION: n at any position in the sequence represents a or g or c or t/u
NAME/KEY: unsure
LOCATION: (1)..(3117)
OTHER INFORMATION: y at any position in the sequence represents t/u or c
NAME/KEY: unsure
LOCATION: (1)..(3117)
OTHER INFORMATION: m at any position in the sequence represents a or c
NAME/KEY: unsure
LOCATION: (1)..(3117)
OTHER INFORMATION: k at any position in the sequence represents g or t/u
NAME/KEY: unsure
LOCATION: (1)..(3117)
OTHER INFORMATION: s at any position in the sequence represents g or c
NAME/KEY: unsure
LOCATION: (1)..(3117)
OTHER INFORMATION: w at any position in the sequence represents a or t/u
NAME/KEY: unsure
LOCATION: (1)..(3117)
OTHER INFORMATION: r at any position in the sequence represents g or a

US-09-834-794A-6

Query Match 51.3%; Score 1035.2; DB 9; Length 3117;
Best Local Similarity 86.5%; Pred. No. 2.7e-225;
Matches 1172; Conservative 73; Mismatches 92; Indels 18; Gaps 15;

QY 671 GGTATGCAATGTAGCAATAATATATCAAACTCTGGGCTCAAGCGATCTCCACCT 730
Db 1669 GGTCTCACTATGTGCCAGGTGATCTCAAACTCTGGGCTCAAGCGATCTCCACCT 1728
QY 731 TAGCCTCCAAAGTACTGGGATATAGGTGTGAGCCACAGTGGCTGCTTAATATTTTC 790
Db 1729 TAGCCTCCAAAGTACTGGGATATAGGTGTGAGCCACAGTGGCTGCTTAATATTTTC 1788
QY 791 TTGTGATCAAAATCAGTTTAAATTTTGGTTAAGATTTCTAGTGAATTCGTGTAC 850
Db 1789 TTGTGATCAAAATCAGTTTAAATTTTGGTTAAGATTTCTAGTGAATTCGTGTAC 1848
QY 851 TTATTTTGTCAATTAGAGTTCAATAATATPAGGGTTATTTTCTAAATAGAAATTTAA 910
Db 1849 TTATTTTGTCAATTAGAGTTCAATAATATPAGGGTTATTTTCTAAATAGAAATTTAA 1908
QY 911 ACTAATATAACTTCAAAAGCTAGTTTGTAGTAGTACCGTTGTTTGGATTTGAATTTT 970
Db 1909 ACTAATATAACTTCAAAAGCTAGTTTGTAGTAGTACCGTTGTTTGGATTTGAATTTT 1968
QY 971 CTGATACTGAAAGAACAAAAGCCTGCTTTCTGCCAGAACCTTTTGCTCCCCAGT 1030
Db 1969 CTGATACTGAAAGAACAAAAGCCTGCTTTCTGCCAGAACCTTTTGCTCCCCAGT 2028
QY 1031 CAGTTCTTGGAGCAGCACTAGTTTGGGGCCAGAGTTTGGGCTTCTGTGTGTGATTTTA 1090
Db 2029 NAGTTCTTGGGCGAGNACTAGTTTGGGCGCCAGAGTTTGGGCTTNNKGTTGTGATTTTA 2088
QY 1091 CGCTCTGCTTAAACAGGAGCCTACATCTTTTGTAGTCTTATTCACCTTCTCACAGTT 1150
Db 2089 NGVTCCTGCTTAAACAGGAGCCTACATCTTTTGTAGTCTTATTCACCTTCTTNAMAGTT 2148
QY 1151 TTGTGTTGTTTGTGTTGTTTGTGTTTGTGAGACAGTCTCACTCTG-TTGCCAGGCTG 1209
Db 2149 TTGTGTTGTTTGTGTTGTTTGTGTTTGTGAGACAGTCTCACTCTG-TTGCCAGGCTG 2207
QY 1210 AG-TGCAGTGGCACAATCTGGCT-CAITGCAACCTCCGCTCCCG--GTTCAAGTAT 1265
Db 2208 ARTTGCAGTGGCACAATCTGGCT-CAITGCAACCTCCGCTCCCG--GTTCAAGTAT 2267
QY 1266 TCTCTTGGCTCAGCCT-CCCAAGTAACTGATATTAAGGGGCCAGCCACCAACCCCGC 1324
Db 2268 YVTCCTGCTCAGCTCCCAAGTAACTGATATTAAGGGGCCAGCCACCAACCCCGC 2327
QY 1325 TGAATTTTGTATTTTGTAGAGACGGGTTTCCCAAGTGTGGCCGGCTGCTCAAC 1384
Db 2328 TGAATTTTGTATTTTGTAGAGACGGGTTTCCCAAGTGTGGCCGGCTGCTCAAC 2387

QY 1385 T-CTTGACCTCAAGTGAAACCCCGCTGTGCTCCCAAGTGTCTGGAATTACCAGG-T 1442
Db 2388 TCTTTGAMCTCNAKTGAACACCCCGCTGTGCTCCCAAGTGTCTGGAATTACCAGGTT 2447
QY 1443 GAGCACCAATGCGGGCTCACAGCTTTGAG-TTGATACCAATTGTGCAATTCTCTTTTGG 1501
Db 2448 GANCCACCAATGCGGGCYCACAGTTTGARTTGANACCAATTGTGNCANTCTCTTTTGG 2507
QY 1502 CTTCTTTTGTCCATAGAGGCTTCAAGATAGATAGGTAGAGCCAGTAGT-GTTTATA 1560
Db 2508 CTTCTTTTGTCCATAGAGGCTTCAAGATAGATAGGTAGAGCCAGTAGT-GTTTATA 2567
QY 1561 AGAGCAATAGAGAGCAGGACCACTTTA--TCAGTGGCAGGTGTCCGGGCTCCCT 1618
Db 2568 RGAAGCNMATAGRANCRCGACCCANTTTNATCAGTGGGCGAGGTGTCNNNGCYTCCCT 2627
QY 1619 GTTGGCTAGTCCCAAGCGGTGTGTTGCCAGGATGTCTTTGGAGGTGATATGGGACACAC 1678
Db 2628 GTTGGTNNTTCCCAAGCGGTGTGTTGCCAGGATGTCTTTGGAGGTGATATGGGACACAC 2687
QY 1679 --AGAGGCACTGAGTCTCATAGGTAAATGCCACCAAACTGGCCTTT-GCCTAATAT 1735
Db 2688 CAGNAGGCMCTGAGTNNCTAGTTNAAATGCCACCAAACTGGCCTTTGGCCTAATAT 2747
QY 1736 CCTCATTTGACTATTAGCATTTAATTTATTTTCTGACATTTCTGCAAG-CTTTG 1794
Db 2748 CCYCNCTTAMTANTTARCAATTTAWTTTATTTWATTTNCTGACATTTNTGCMANCTTTG 2807
QY 1795 TATTATATTTCCACTTTATAGATGAGGAAATTTGAGGCTCTTAGAGGTAAATGACTTG 1854
Db 2808 TWTNTTATTTCCNTNTATATAGGAAATTTGAGGNTTTTARAGGTAAATGANTTTG 2867
QY 1855 CCCAGT-CACACAGAGTGGCAGACAGCAAGCTTTTAAATAAGAAAAATTAATAAAA 1913
Db 2868 CNGRTNNACWAGAGTGGCNRABANAACCTTTTANATNWGAAAAATTAATAAAA 2927
QY 1914 TATAATATGAGAGTAACTTAAATAATTAATAAACCAATTTTAAATTAATTAACCGTGA 1973
Db 2928 TATAATATGAGAGTAACTTAAATAATTAATAAACCAATTTTAAATTAATTAACCGTGA 2987
QY 1974 TAACCAACATTAATAAAGTTAAGATACCAAAAAA 2008
Db 2988 TAACCAACATTAATAAAGTTAAGATACCAAAAAA 3022

RESULT 3

US-09-834-795A-6
Sequence 6, Application US/09834795A
Patent No. US20020076710A1
GENERAL INFORMATION:
APPLICANT: Lynx, Dyster
APPLICANT: Jana, Frustaci
TITLE OF INVENTION: Detection and Treatment of Breast Cancer
FILE REFERENCE: 3380/11127-US3
CURRENT APPLICATION NUMBER: US/09/834,795A
CURRENT FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 09/146,580
PRIOR FILING DATE: 1998-09-03
PRIOR APPLICATION NUMBER: 60/071,899
PRIOR FILING DATE: 1998-01-20
PRIOR APPLICATION NUMBER: 60/092,155
PRIOR FILING DATE: 1998-07-09
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6
LENGTH: 3117
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(3117)
OTHER INFORMATION: n at any position in the sequence represents a or g or c or t/u


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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (56)..(436)
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
; LOCATION: (122)..()
; OTHER INFORMATION:
; NAME/KEY: misc feature
; LOCATION: (529)..(529)
; OTHER INFORMATION: unknown amino; may be "A", "C", or "G"
US-09-898-751A-5

Query Match 24.7%; Score 498; DB 9; Length 731;
Best Local Similarity 100.0%; Pred. No. 1.4e-103;
Matches 498; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 93 CTGATCGAACAGCCTCACTTGTGTGTCAGTCCAGTGGCGAGGAGGAATGCAGC 152
Db 3 CTGATCGAACAGCCTCACTTGTGTGTCAGTCCAGTGGCGAGGAGGAATGCAGC 62

QY 153 AGAGAGACTCGGCATCGTGGCTTGGCTGTCTGTGGCGCCCTACATGCTCAGAGCCA 212
Db 63 AGAGAGACTCGGCATCGTGGCTTGGCTGTCTGTGGCGCCCTACATGCTCAGAGCCA 122

QY 213 TACTTCCCATTTGCTCCAGCTGTTGCAACGAGGTTTCCACATCATATTTCCAGAGGCTCC 272
Db 123 TACTTCCCATTTGCTCCAGCTGTTGCAACGAGGTTTCCACATCATATTTCCAGAGGCTCC 182

QY 273 TGGAAAGAGTGAATATGTGTGCGATCCAGAGAGTGTATGGGGATTTGATTTGGCTGCTG 332
Db 183 TGGAAAGAGTGAATATGTGTGCGATCCAGAGAGTGTATGGGGATTTGATTTGGCTGCTG 242

QY 333 TCATCTTCTATGTCNAGCGCAGAGAGATCTGTGTGCGCCGCCACCACTACTGTTAAGC 392
Db 243 TCATCTTCTATGTCNAGCGCAGAGAGATCTGTGTGCGCCGCCACCACTACTGTTAAGC 302

QY 393 AGTGGATGAAAGTGCAGCTGCCAAGAAAAATGTTAAAGAAATGTTTGCACAGGAAGA 452
Db 303 AGTGGATGAAAGTGCAGCTGCCAAGAAAAATGTTAAAGAAATGTTTGCACAGGAAGA 362

QY 453 AACACCATGCAAGAGAGAAACAGTAACAGGGGCACATCAGGGGAAACAGAAACATACGGCC 512
Db 363 AACACCATGCAAGAGAGAAACAGTAACAGGGGCACATCAGGGGAAACAGAAACATACGGCC 422

QY 513 ATAAACTCCTTATTAGAGAGTCTACAGATAAATCTACAGAGCAATTTCTCAAGTGGAC 572
Db 423 ATAAACTCCTTATTAGAGAGTCTACAGATAAATCTACAGAGCAATTTCTCAAGTGGAC 482

QY 573 TTGGCCATGATTGGTTGT 590
Db 483 TTGGCCATGATTGGTTGT 500

RESULT 5
US-10-146-496-1
; Sequence 1, Application US/10146496
; Publication No. US20030031646A1
; GENERAL INFORMATION:
; APPLICANT: Vicari, Alain
; Morales, Janine M.
; Hedrick, Joseph A.
; Zlotnik, Albert
; TITLE OF INVENTION: Mammalian Chemokines
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/10/146,496
; APPLICATION NUMBER: US/08/978,964A
; FILING DATE: 15-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/978,964A
; FILING DATE: 26-NOV-1997
; APPLICATION NUMBER: US xx/xxx,xxx
; FILING DATE: 24-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ching, Edwin P.
; REGISTRATION NUMBER: 34,090
; REFERENCE/DOCKET NUMBER: DX0684K1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)852-9196
; TELEFAX: (650)496-1204
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 731 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 56..436
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 122..436
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 565
; OTHER INFORMATION: /note= "nucleotides 565 and 581
; designated M, may be A or C"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 712
; OTHER INFORMATION: /note= "nucleotide 712 designated
; N, may be A, C, G, or T"
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-146-496-1

Query Match 24.7%; Score 498; DB 9; Length 731;
Best Local Similarity 100.0%; Pred. No. 1.4e-103;
Matches 498; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 93 CTGATCGAACAGCCTCACTTGTGTGTCAGTCCAGTGGCGAGGAGGAATGCAGC 152
Db 3 CTGATCGAACAGCCTCACTTGTGTGTCAGTCCAGTGGCGAGGAGGAATGCAGC 62

QY 153 AGAGAGACTCGGCATCGTGGCTTGGCTGTCTGTGGCGCCCTACATGCTCAGAGCCA 212
Db 63 AGAGAGACTCGGCATCGTGGCTTGGCTGTCTGTGGCGCCCTACATGCTCAGAGCCA 122

QY 213 TACTTCCCATTTGCTCCAGCTGTTGCAACGAGGTTTCCACATCATATTTCCAGAGGCTCC 272
Db 123 TACTTCCCATTTGCTCCAGCTGTTGCAACGAGGTTTCCACATCATATTTCCAGAGGCTCC 182

QY 273 TGGAAAGAGTGAATATGTGTGCGATCCAGAGAGTGTATGGGGATTTGATTTGGCTGCTG 332
Db 183 TGGAAAGAGTGAATATGTGTGCGATCCAGAGAGTGTATGGGGATTTGATTTGGCTGCTG 242

QY 333 TCATCTTCTATGTCNAGCGCAGAGAGATCTGTGTGCGCCGCCACCACTACTGTTAAGC 392
Db 243 TCATCTTCTATGTCNAGCGCAGAGAGATCTGTGTGCGCCGCCACCACTACTGTTAAGC 302

QY 393 AGTGGATGAAAGTGCAGCTGCCAAGAAAAATGTTAAAGAAATGTTTGCACAGGAAGA 452
Db 303 AGTGGATGAAAGTGCAGCTGCCAAGAAAAATGTTAAAGAAATGTTTGCACAGGAAGA 362

QY 453 AACACCATGCAAGAGAGAAACAGTAACAGGGGCACATCAGGGGAAACAGAAACATACGGCC 512
Db 363 AACACCATGCAAGAGAGAAACAGTAACAGGGGCACATCAGGGGAAACAGAAACATACGGCC 422

QY 513 ATAAACTCCTTATTAGAGAGTCTACAGATAAATCTACAGAGCAATTTCTCAAGTGGAC 572
Db 423 ATAAACTCCTTATTAGAGAGTCTACAGATAAATCTACAGAGCAATTTCTCAAGTGGAC 482

QY 573 TTGGCCATGATTGGTTGT 590
Db 483 TTGGCCATGATTGGTTGT 500
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Accession	Gene	Position	Sequence
Db		303	AGTGGATGAAGTGCAGCTGCCAAGAAAATGGTTAAGGAATGTTTGGCCACAGGAGA 362
Qy ⁺		453	AACACCATGCGACAGAGAAACAGTAACAGGGGCACATCAGGGGAAACACGAAACATACGGCC 512
Db		363	AACACCATGCGACAGAGAAACAGTTAACAGGGGCACATCAGGGGAAACACGAAACATACGGCC 422
Qy		513	ATAAACTCCTTTATTAGAGAGTCTACAGATAAATCTACAGAGACAATTCCTCAAGTGGAC 572
Db		423	ATAAACTCCTTTATTAGAGAGTCTACAGATAAATCTACAGAGACAATTCCTCAAGTGGAC 482
Qy		573	TTGGCCATGATTGGTTGT 590
Db		483	TTGGCCATGATTGGTTGT 500

RESULT 6

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US-09-931-381A-1
; Sequence 1, Application US/09931381A
; Patent No. US20020137107A1
; GENERAL INFORMATION:
; APPLICANT: Butcher, Eugene C.
; APPLICANT: Kunkel, Eric J.
; APPLICANT: Pan, Junliang
; APPLICANT: Soler-Ferran, Dulce
; TITLE OF INVENTION: Method for Identifying Agents Which
; TITLE OF INVENTION: Modulate Chemokine "MCC"-Induced Functions of CCR3 and/or
; TITLE OF INVENTION: CCR10
; FILE REFERENCE: 1855.2010-003
; CURRENT APPLICATION NUMBER: US/09/931,381A
; CURRENT FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: U.S. 09/638,914
; PRIOR FILING DATE: 2000-08-15
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 768
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (53)...(436)
US-09-931-381A-1

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Query Match	24.6%	Score	497;	DB	10;	Length	768;
Best Local Similarity	100.0%	Pred. No.	2.4e-103;				
Matches	497;	Conservative	0;	Mismatches	0;	Indels	0;
						Gaps	0;

Qy	94	TGATCGAACAGCCTCACTGTGTGTTGCTGTGTCAGTGCCAGTAGGGCAGGCAAGATGCAGCA	153
Db	1	TGATCGAACAGCCTCACTTGTGTGTTGCTGTGTCAGTGCCAGTAGGGCAGGCAAGATGCAGCA	60
Qy	154	GAGAGGACTCGCCATCGTGGCCTTGGCTGTCTGTGCGGCCCTACATGCTTCAGAAGCCAT	213
Db	61	GAGAGGACTCGCCATCGTGGCCTTGGCTGTCTGTGCGGCCCTACATGCTTCAGAAGCCAT	120
Qy	214	ACTTCCCATTTGCCCTCCAGCTGTTGCACGGAGGTTTACATCATATTTCCAGAAGGCTCCT	273
Db	121	ACTTCCCATTTGCCCTCCAGCTGTTGCACGGAGGTTTACATCATATTTCCAGAAGGCTCCT	180
Qy	274	GGAAAGAGTGAATATGTGTGCGCATCCAGAGAGCTGTATGGGGATTGTGACTTTGGCTGCTGT	333
Db	181	GGAAAGAGTGAATATGTGTGCGCATCCAGAGAGCTGTATGGGGATTGTGACTTTGGCTGCTGT	240
Qy	334	CATCCTTCATGTCAAAGCGCAGAGAAGTCTGTGTCAGCGCCGCAACAACATACTGTTAAGCA	393
Db	241	CATCCTTCATGTCAAAGCGCAGAGAATCTGTGTCAGCGCCGCAACAACATACTGTTAAGCA	300
Qy	394	GTGGATGAAAGTGCAAGCTGCCAGAAAAAATGGTAAAGGAAAATGTTTGCCACAGGAGAA	453
Db	301	GTGGATGAAAGTGCAAGCTGCCAGAAAAATGGTAAAGGAAAATGTTTGCCACAGGAGAA	360
Qy	454	ACACCATGGCAGAGGAAACAGTAAACAGGGCAATCATCGGGGAAAAACGAAACATACGGCCA	513

Db	361	ACACCATGGGCAAGGAGNACAGTAACAGGGGCACATCAGGGGAAAACACAGAAACATACGGCCA	420
Qy	514	TAAAACTCCTCTATTAGAGAGCTCTACAGATATAATCTACAGAGACAATTTCTCTCAAGTCGACT	573
Db	421	TAAAACTCCTCTATTAGAGAGCTCTACAGATATAATCTACAGAGACAATTTCTCTCAAGTCGACT	480
Qy	574	TGGCCATGATTGGTTGT	590
Db	481	TGGCCATGATTGGTTGT	497

RESULT 7

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US-10-146-496-3
; Sequence 3, Application US/10146496
; Publication No. US20030031646A1
; GENERAL INFORMATION:
; APPLICANT: Vicari, Alain
; Moralee, Janine M.
; Hedrick, Joseph A.
; Zlocnik, Albert
; TITLE OF INVENTION: Mammalian Chemokines
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30.00
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,496
; FILING DATE: 15-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/978,964A
; FILING DATE: 26-NOV-1997
; APPLICATION NUMBER: US xx/xxx,xxx
; FILING DATE: 24-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ching, Edwin P.
; REGISTRATION NUMBER: 34,090
; REFERENCE/DOCKET NUMBER: DX0684K1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)852-9196
; TELEFAX: (650)496-1204
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 496 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-146-496-3

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Query Match	18.3%	Score 369.6;	DB 9;	Length 496;
Best Local Similarity	85.0%;	Pred. No. 1.6e-74;		
Matches 420:	Conservative	0;	Mismatches 70;	Indels 4;
				Gaps 2;

QY	150
QY	TCCTGATCGAAGACGCTCACTGTGTGCTGTGTCAGTGCCTCAGTACGAGCAATGCA
DB	1 TCCTGATCGAAGACGCTCACTGTGTGCTGTGTCAGTGCCTCAGTACGAGCAATGCA
QY	151 GCAGAGAGGACTCGCCATCGTGCGCTTGGCTGTCTGTGCGGCGCCTACATGCTCTCAGAAGC
DB	61 GCAGAGAGGACTCGCCATCGTGCGCTTGGTGTCTGTGCGGCGCCTACATGCTCTCAAAGC
QY	211 CATACCTCCCATTCGCTCCAGCTGTTGTCACGAGGTTTTCATCATCATATTTCCAGAAGGCT

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Db 121 CATACCTCCCAATGCGCTCCAGCTGTTGCAGGAGTTTCACATCATATTTCCAGAGGCT 180
Qy 271 CCT-GGAAAGAGTGAATATGTGTCGATCCAGAGAGCTGATGGGGATTTGACTTGGCTG 329
Db 181 CCTGGGAAGAGTGAATATGTGTCGATCCAGAGAGCTGATGGGGATTTGACTTGGCTG 240
Qy 330 CTGTGATCCTTCTATGTCAGCGCAGAGAAATCTGTGTAGCCCGCAGCAACCATCTGTTA 389
Db 241 CTGTGATCCTTCTATGTCAGCGCAGAGAAATCTGTGTAGCCCGCAGCAACCATCTGTTA 300
Qy 390 AGCAGTGGATGAAGTGCAGCTGCCAAGAAATGTTAAAGAAATGTTTGGCCACAGGA 449
Db 301 AGCAGTGGATGAAGTGCAGCTGCCAAGAAATGTTAAAGAAATGTTTCCACAGGG 360
Qy 450 AG---AAACACCATGGCAGAGGAAACAGTAAACAGGGCAGTACAGGGGAAACACAGAAACAT 506
Db 361 NGGAACACCTCGGNAAGGGANCCGTTTACAGGAGNACTTNNNGGGGAAGGGAANTT 420
Qy 507 AGGGCCATAAACTCCTTATTAGAGAGTCTACAGATAAATCTACAGAGACAATTCCTCAA 566
Db 421 NGGGCTNTAAAAATCCCTTTNNNGGGNTTTAAGGTAAATTTNNNGGGAATTTTCCNA 480
Qy 567 GTGGACTGCGCAT 580
Db 481 GGGGNTTTGGNCAT 494

RESULT 8
US-09-964-824A-56/c
; Sequence 56, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; FILE REFERENCE: 689290-73
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/09/964,824A
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236,033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,028
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 472
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(472)
; OTHER INFORMATION: n=a,t,g or c
US-09-964-824A-56

Query Match 17.9%; Score 361.8; DB 10; Length 472;
Best Local Similarity 99.2%; Pred. No. 9.4e-73;
Matches 374; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

Qy 1633 AGCGGTGTTGCCAGGATGCTTGGAGGTGATAATGGGACACACAGAGGCACTGAGTC 1692
Db 471 AGCGGTGTTGCCAGGATGCTTGGAGGTGATAATGGGACACACAGAGGCACTGAGTC 412
Qy 1693 TCATAGGTTAAATG-CCACCAAACTGGCCTTTGGCTTAATCCCTCATTCAGCTATTT 1751
Db 411 TCATAGGTTAAATGCCCAAACTGGCCTTTGGCTTAATCCCTCATTCAGCTATTT 352
Qy 1752 AGCATTTAATTTATTTTCTCTGACATTTCTGCAAGCTTTGTATTTATTTATTTCCACTT 1811
Db 351 GGCATTTAATTTATTTTCTCTGACATTTCTGCAAGCTTTGTATTTATTTATTTCCACTT 292
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Qy 1812 TATAGATGAGGAAATTTGAGGCTCTTAGAGGTAATAATGACTTCCCGAGGTCAACAGGAA 1871
Db 291 TATAGATGAGGAAATTTGAGGCTCTTAGAGGTAATAATGACTTCCCGAGGTCAACAGGAA 232
Qy 1872 GTGGCAGAGCAAGCTTTTAAATAGAAAAAATTAATAAATAATATATATGAGAGTAACT 1931
Db 231 GTGGCAGAGCAAGCTTTTAAATAGAAAAAATTAATAAATAATATATATGAGAGTAACT 172
Qy 1932 TAAATATTAAATAAACCAACAATTTTAAATTAATTAACCGTGATAACCAACATTTAATAAAA 1991
Db 171 TAAATATTAAATAAACCAACAATTTTAAATTAATTAACCGTGATAACCAACATTTAATAAAA 112
Qy 1992 GTTAAGATACCAAAAA 2008
Db 111 GTTAAGATACCAAAAA 95

RESULT 9
US-09-834-794A-11/c
; Sequence 11, Application US/09834794A
; Publication No. US2003002677A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US4
; CURRENT APPLICATION NUMBER: US/09/834,794A
; CURRENT FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 311
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (101)..(101)
; OTHER INFORMATION: n may be a or g or c or t/u
; NAME/KEY: unsure
; LOCATION: (162)..(162)
; OTHER INFORMATION: n may be a or g or c or t/u
US-09-834-794A-11

Query Match 15.0%; Score 302; DB 9; Length 311;
Best Local Similarity 99.3%; Pred. No. 2.9e-59;
Matches 302; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 208 AGCCATACCTCCCATTTGCTCCAGCTGTTGCAGGAGTTTCACATCATATTTCCAGAAG 267
Db 311 AGCCATACCTCCCATTTGCTCCAGCTGTTGCAGGAGTTTCACATCATATTTCCAGAAG 252
Qy 268 GCTCTCGAAAGAGTGAATATGTGTGCGATCCAGAGAGCTGATGGGATTTGACTTGGC 327
Db 251 GCTCTCGAAAGAGTGAATATGTGTGCGATCCAGAGAGCTGATGGGATTTGACTTGGC 192
Qy 328 TGCTGTTCATCTTTCATGTCGAAGCGCAGAGAAATCTGTGTCAGCCCGCACAACCATACTGT 387
Db 191 TGCTGTTCATCTTTCATGTCGAAGCGCAGAGAAATCTGTGTCAGCCCGCACAACCATACTGT 132
Qy 388 TAAGCAGTGGATGAAGTGCAGAGTCCCAAGAAATGTTAAAGGAAATGTTTGGCCACAG 447
Db 131 TAAGCAGTGGATGAAGTGCAGAGTCCCAAGAAATGTTAAAGGAAATGTTTGGCCACAG 72
Qy 448 GAAGAAACACCATGGCAAGAGAAACAGTAACAGGGCAGATCAGGGGAAACACGAAACATA 507
Db 71 GAAGAAACACCATGGCAAGAGAAACAGTAACAGGGCAGATCAGGGGAAACACGAAACATA 12
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QY 508 CGGC 511
Db 11 CGGC 8

RESULT 10

US-09-834-795A-11/c
; Sequence 11, Application US/09834795A
; Patent No. US20020076710A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US3
; CURRENT APPLICATION NUMBER: US/09/834,795A
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 311

; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (101)..(101)
; OTHER INFORMATION: n may be a or g or c or t/u
; NAME/KEY: unsure
; LOCATION: (162)..(162)
; OTHER INFORMATION: n may be a or g or c or t/u
US-09-834-795A-11

Query Match 15.0%; Score 302; DB 10; Length 311;
Best Local Similarity 99.3%; Pred. No. 2.9e-59;
Matches 302; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 208 AGCCATCTCCCATTCCTCCAGCTGTGACGAGGTTTCCATCATATTTCCAGAAG 267
Db 311 AGCCATCTCCCATTCCTCCAGCTGTGACGAGGTTTCCATCATATTTCCAGAAG 252
QY 268 GCTCCTGGAAGAGTGAATATGTGTGATCCAGAGCTGATGGGATTTGTGACTTGGC 327
Db 251 GCTCCTGGAAGAGTGAATATGTGTGATCCAGAGCTGATGGGATTTGTGACTTGGC 192
QY 328 TGCTGTATCTTTCATGTCAAGCCGCAAGATCTGTGACGCCGCGCAACCATCTGT 387
Db 191 TGCTGTATCTTTCATGTCAAGCCGCAAGATCTGTGACGCCGCGCAACCATCTGT 132
QY 388 TAACGATGGATGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 447
Db 131 TAACGATGGATGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 72
QY 448 GAAGAAACACCATGGCAAGAGGAACAGTAAACAGGCGCATCAGGGGAAACACGAAACATA 507
Db 71 GAAGAAACACCATGGCAAGAGGAACAGTAAACAGGCGCATCAGGGGAAACACGAAACATA 12
QY 508 CGGC 511
Db 11 CGGC 8

RESULT 11

US-10-146-496-4
; Sequence 4, Application US/10146496
; Publication No. US2003003164A1
; GENERAL INFORMATION:

; APPLICANT: Vicari, Alain
; Morales, Janine M.
; Hedrick, Joseph A.
; Zlotnik, Albert
; TITLE OF INVENTION: Mammalian Chemokines
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,496
; FILING DATE: 15-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/978,964A
; FILING DATE: 26-NOV-1997
; APPLICATION NUMBER: US xx/xxx,xxx
; FILING DATE: 24-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ching, Edwin P.
; REGISTRATION NUMBER: 34,090
; REFERENCE/DOCKET NUMBER: DX0684K1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650)852-9196
; TELEFAX: (650)496-1204
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 445 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-146-496-4

Query Match 13.0%; Score 261.4; DB 9; Length 445;
Best Local Similarity 88.8%; Pred. No. 5.8e-50;
Matches 324; Conservative 0; Mismatches 37; Indels 4; Gaps 4;
QY 201 CCTCAGAAGCCCATCTTCCATTGCTCCAGCTGTGACGAGGTTTCCATCATATTT 260
Db 78 CCTCACCAGCCCATCTTCCATTGCTCCAGCTGTGACGAGGTTTCCATCATATTT 137
QY 261 CCAGAAGGCTCTCGG-AAAGAGTGAATATGTGCGCATCCAGAGCTGATGGGATTTGT 319
Db 138 CCAGAAGGCTCTCGGAAAGAGTGAATATGTGCGCATCCAGAGCTGATGGGATTTGT 197
QY 320 GACTTGGCTGTCTCATCTTCCATGTCAAGCCGCAAGAAATCTGTG-TCAGCCCGCACAA 378
Db 198 GACTTGGCTGTCTCATCTTCCATGTCAAGCCGCAAGAAATCTGTGTTCCAGCCCGCACAA 257
QY 379 CCATCTGTTT-AAGCAGTGGATGAAAGTCCCAAGTCCCAAGAAATGTTAAAGGAAATG 437
Db 258 CCATCTGTTTGAAGCAGTGGATGAAAGTCCCAAGTCCCAAGAAATGTTAAAGGAAATG 317
QY 438 TTGTCACAGGAAGAAACACCATGGCAAGAGGAACAGTAAACAGGCGCACATCAGGGGAAAC 497
Db 318 TTGTCACAGGAAGAAACACCATGGCAAGAGGAACAGTAAACAGGCGCACATCAGGGGAAAC 376
QY 498 ACGAAACATACGCCCATATAAACTCTTATTAGAGAGTCTACAGATAAACTCTACAGAGACA 557
Db 377 ACGAAACTNACGGCCGCGGAAATCTCTTATTATTTAGATTNACCGTTTAACTACCGGGACA 436
QY 558 ATTCC 562

Db 15671 -TGTGCCACACACTGGCTAAATTTTTGTATATTTTAGTAAAGACAGCGTTTACATGTT 15613
 Qy 1366 GCCCGGGCTGGTCTCAAACTCTTGACCTCAAGTGAACACCCAGCGCTGTGCGCTCCCAAAGT 1425
 Db 15612 GGCCAAAGCTGGTCTTGAACACCCGAGCTCAAGTATCCACCTGCTTGGCCCTCCCAAAC 15553
 Qy 1426 GCTGGAAATTACAGGTGAGGCCACCATGCCGGGCTCACACGTTTGAGTTGATA 1478
 Db 15552 CTTGGGATTCAGGTGTGAGCCACCGCCGCCAGCCAGCTTATATATATTTTATA 15500

 RESULT 13
 US-09-764-869-1943/c
 ; Sequence 1943, Application US/09764869
 ; Patent No. US20020061521A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 ; FILE REFERENCE: PC007
 ; CURRENT APPLICATION NUMBER: US/09/764,869
 ; CURRENT FILING DATE: 2001-01-17
 ; Prior application data removed - refer to PALM or file wrapper
 ; NUMBER OF SEQ ID NOS: 2442
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1943
 ; LENGTH: 19334
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-764-869-1943

 Query Match 11.3%; Score 228.6; DB 10; Length 19334;
 Best Local Similarity 59.2%; Pred. No. 1.1e-41;
 Matches 493; Conservative 0; Mismatches 314; Indels 26; Gaps

Qy	648	TTTTAAAAATGACAAATTGTCGGTATGCAAAATGTAGCCCAATATATACATCAAACTCCT	707
Db	16301	TTTTGTATTTTGTAGTAAAGACAGGGTTTCAACATGTTGGCCATGCTGGTCTTGAACCTCT	16242
Qy	708	GGGCTCAAGCGATCCTCCACCTTAGCTCCCAAGTACTGGGATTTAGGTGTGAGCCA	767
Db	16241	GACCTCAGGTGATCGGCTGCTGGCTCCCAAGTCTGGGATTTAGGTGTGAGCCA	16182
Qy	768	CAGTGCCTGGCCTAAATTTATTTTCTGTGATCAAAATCAGGTTTAATGTTTTGTTGAAGA	827
Db	16181	CCGCGCCAGCCTCAAATTTATTTTAAATTTGCTGAAGAGATTTGTGCATTTTAGAAA	16122
Qy	828	ATTTCTTACGTGAATTCGTGTACTATTTTGTCAATTTAGAGTTCATAAATATTAGGGTTT	887
Db	16121	ACTTAGAA-----AATATAGGAGAGACAGAGAAAATCACTCATATTT	16078
Qy	888	ATTTTCTAAATAGATAGTTTAACTAAATATACTTCAAAACGTCTAGTTTGTAGTAGCT	947
Db	16077	TCTCCACCAAGAAATTTCAACCCCTATAAACAATTTTGCCATATATGGTCTCAGTTTCT	16018
Qy	948	ACCGTTGTTGG--ATTGAAATTTTCTGATACTGAAAGACAAAAAGCCCTGCGCTTTCTG	1005
Db	16017	TCCGTGCTGTGATTTTGTGCTCTGTTATCTTAATAAATAAATAAACTCACTCTGCTC	15958
Qy	1006	CCAGAACCTTTTGGCTCCCGAGCTAGTCTTGTGGAGGAGCACTAGTTAGGGGCCAGAG	1065
Db	15957	CCAGGCTGGAGTACAGTGGTGACGTCAAGCCACAGAGCGCTTGTATCTGAGCTCAAGTG	15898
Qy	1066	TTGGCCTTCGTGTGGTGAATTTTACGCTCTGCGCTTAACAGAGAGCCCTACATCTTTTAGC	1125
Db	15897	ATCTCTGCCTTCAGCCTCTTGAGTA-----GCTGGGACCAACAGGCATGACCACTGC	15844
Qy	1126	TCCTATTCCACCCCTCTCACACGTTTTTGTGTTGTTGTTGTTGTTTTTTTGTGAGACAGA	1185
Db	15843	TCAGTTATGATTTTCATTACTTATTATT-TATTATTTTAAATGTTTGTGAGACAGA	15785
Qy	1186	GTCTCACTGTGTGCCAGGCTGGAGTGCAGTGCGCAAAATCTGGGCTCATATGCAACCTCC	1245
Db	15784	GTCTGTGCTTTTACCCAGAGTGGAGTGCAGTGCGCAATAATCTGGCTCACTGCAACCTCT	15725

Db 437 TTCCC 441

RESULT 12

US-09-764-869-1945/c

/ Sequence 1945, Application US/09764869

/ Patent No. US20020061521A1

/ GENERAL INFORMATION:

/ APPLICANT: Rosen et al.

/ TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

/ FILE REFERENCE: PC007

/ CURRENT APPLICATION NUMBER: US/09764,869

/ CURRENT FILING DATE: 2001-01-17

/ Prior application data removed - refer to PALM or file wrapper

/ NUMBER OF SEQ ID NOS: 2442

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO 1945

/ LENGTH: 17397

/ TYPE: DNA

/ ORGANISM: Homo sapiens

US-09-764-869-1945

Query Match 11.3%; Score 228.6; DB 10; Length 17397;

Best Local Similarity 59.2%; Pred. No. le-41;

Matches 493; Conservative 0; Mismatches 314; Indels 26; Gaps 5;

QY 648 TTTTAAAAAATGAACAATTGTGCGGTATGCAAAATGTAGCCAATAATATACACAACTCCT 707

Db 16308 TTTTGTATTTTATAGTAAGACAGGGTTTCCACATGTTGGCCATGCTGGTCTTGAACTCCT 16249

QY 708 GGGCTCAAGCGATCCTCCCACTTTAGCCTCCAAAGTACTGGGATTTAGGTGTGAGCCA 767

Db 16248 GACCTCAGGTGATCGGCTGCTTTGGCCCTCCAAAGTCTGGGATTTAGGTGTGAGCCA 16189

QY 768 CAGTGCCTGGCCTAATTATTTTCTTTGTGATCAAAATTCAGGTTTAATGTTTTGGTTAAGA 827

Db 16188 CCGCGCCAGCCTCAAAATTATTTATTTTAAATGCTGAAGAGATTGTGTCATTTTAGAAA 16129

QY 828 ATTTTCCTACGTGAATTCGTGTACTTATTTTCATTTAGAGTTCTATAAATATAGGGTTT 887

Db 16128 ACTAGAA-----AATATAGAGACGACGAGAGAAAATCACTCATAAAT 16085

QY 888 ATTTTCTAAATAGAAATAGTTTAAACTAAATATAACTTCAAAACGCTCTAGTTTGAGTAGCT 947

Db 16084 TCTCCACCCAGAATTTTCATACCCCTATAACATTTTGGCCATATGCTCTCAGTTTCT 16025

QY 948 ACCGTTGTTGG--ATTGAAATTTTCTGATCTAGAAAAGACAAAGAGCCCTGCTTTCTG 1005

Db 16024 TCCGTGGCTGTGATTTTGGCTCTGTTATCTTAATAAATAAATAAACTACTCTGTCTC 15965

QY 1006 CCGAAGACCTTTTGGCTCCCGCCAGTCAGTCTTGGAGCAGCACTAGTTAGGGGCCACAG 1065

Db 15964 CCAGGCTGGAGTACAGTGGTCAGTCAGAGCCCAAGCAGGCTTGATCTGAGCTCAAGTG 15905

QY 1066 TTCCGGCTTCTGTGTGGTGAATTTTACGCTCTGCCTTAAACAAGGACCTTACATCTTTTAGC 1125

Db 15904 ATCTCTGCCTCAGCCTCCTGAGTA-----GCTGGGACACAGCATGAGCCACACTGC 15851

QY 1126 TCCATTCCACCCCTTCTCACAGTTTTTGTGTTGTTGTTGTTGTTTTTTTGTAGACAGA 1185

Db 15850 TCAGTTTATGTATTTTCATTTACTTATTATT-TATTTATTTTAAATGTTTTGTAGACAGA 15792

QY 1186 GTCTCACTCTGTGCCCAGGCTGGAGTGCAGTGGCAATCTCGGCTCATTTGCAACCTCC 1245

Db 15791 GTCTGTGCTCTTTCACCCAGAGTGGAGTGCAGTGGCATTAATCTCGGCTCACTGCAACCTCT 15732

QY 1246 GCCTCCCGGTTTCAAGTGAATTTCTCTGCTCAGCTCCCAAGTAACTCATATTTACAGGCG 1305

Db 15731 GCCTCCCGGTTTCAAGTGAATTTCTGTGCTTCAGCTTCCAAAGTACTGGGATTTACAGTG 15672

QY 1306 CCCAGCCACCAACCCCGCTGATTTTGTATTTTGTAGTAGAGAGGGGGTTTTTCCCACGTT 1365

Search completed: April 1, 2003, 03:06:55
Job time : 269 secs

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Db 1935 TTTGAGTAGCTACCGTTGTTGGATTGAAATTTCTGATACTGAAAGAAACAAAAGCCT 1994
QY 997 GCCTTTCTGCCA 1009
Db 1995 GCCTTTCTGCCA 2007

RESULT 2
US-09-146-580-7
; Sequence 7, Application US/09146580A
; Patent No. 6306653
; GENERAL INFORMATION:
; APPLICANT: Papsidero, Lawrence D
; APPLICANT: Dyster, Lyn M
; APPLICANT: Frustaci, Jana M
; TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE
; FILE REFERENCE: 200755/1002
; CURRENT APPLICATION NUMBER: US/09/146,580A
; EARLIER FILING DATE: 1998-09-03
; EARLIER APPLICATION NUMBER: 60/071,889
; EARLIER FILING DATE: 1998-01-20
; EARLIER APPLICATION NUMBER: 60/092,155
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 381
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (207)
; OTHER INFORMATION: N at position 207 is either A, C, G, or T
; LOCATION: (272)
; NAME/KEY: unsure
; OTHER INFORMATION: N at position 272 is either A, C, G, or T
US-09-146-580-7

Query Match 13.8%; Score 279; DB 4; Length 381;
Best Local Similarity 99.5%; Pred. No. 1.6e-110;
Matches 379; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 147 TGCAGCAGAGGAGTCCCATCTGGCTTGGCTGTCTGTGGCGGCTACATGCCCTCAG 206
Db 1 TGCAGCAGAGGAGTCCCATCTGGCTTGGCTGTCTGTGGCGGCTACATGCCCTCAG 60
QY 207 AAGCCATACCTCCCATTTGCCCTCCAGCTGTTGCAGCGAGGTTTACATCATATATTTCCAGAA 266
Db 61 AAGCCATACCTCCCATTTGCCCTCCAGCTGTTGCAGCGAGGTTTACATCATATATTTCCAGAA 120
QY 267 GGCTCTCTGGAAGAGTGAATATGTGTCCATCCAGAGAGCTGATGGGATTTGTGACTTGG 326
Db 121 GGCTCTCTGGAAGAGTGAATATGTGTCCATCCAGAGAGCTGATGGGATTTGTGACTTGG 180
QY 327 CTGCTGTCTATCTTCATGTCAAGCGCAGAGAAATCTGTGTGAGCGCCGACACCACTACTG 386
Db 181 CTGCTGTCTATCTTCATGTCAAGCGCAGAGAAATCTGTGTGAGCGCCGACACCACTACTG 240
QY 387 TTAAGCAGTGGATGAAAGTGCAGCTGCCAGAAATATGTTAAAGGAAATGTTTGCCACA 446
Db 241 TTAAGCAGTGGATGAAAGTGCAGCTGCCAGAAATATGTTAAAGGAAATGTTTGCCACA 300
QY 447 GGAAGAAACACCATGGCAAGAGGAAACAGTAAACAGGCGACATCAGGGGAAACACGAAACAT 506
Db 301 GGAAGAAACACCATGGCAAGAGGAAACAGTAAACAGGCGACATCAGGGGAAACACGAAACAT 360
QY 507 ACGGCCATAAACTCCTTATT 527
Db 361 ACGGCCATAAACTCCTTATT 381

RESULT 3
US-09-146-580-11/c
; Sequence 11, Application US/09146580A
; Patent No. 6306653
; GENERAL INFORMATION:
; APPLICANT: Papsidero, Lawrence D
; APPLICANT: Dyster, Lyn M
; APPLICANT: Frustaci, Jana M
; TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE
; FILE REFERENCE: 200755/1002
; CURRENT APPLICATION NUMBER: US/09/146,580A
; CURRENT FILING DATE: 1998-09-03
; EARLIER FILING DATE: 1998-01-20
; EARLIER APPLICATION NUMBER: 60/071,889
; EARLIER FILING DATE: 1998-01-20
; EARLIER APPLICATION NUMBER: 60/092,155
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 311
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (101)
; OTHER INFORMATION: N at position 101 is either A, C, G, or T
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (162)
; OTHER INFORMATION: N at position 162 is either A, C, G, or T
US-09-146-580-11

Query Match 10.0%; Score 202; DB 4; Length 311;
Best Local Similarity 99.3%; Pred. No. 1.7e-77;
Matches 302; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 208 AGCCATACCTTCCCATTTGCCCTCCAGCTGTTGCAGCGAGGTTTCCATCATATTTCCAGAAG 267
Db 311 AGCCATACCTTCCCATTTGCCCTCCAGCTGTTGCAGCGAGGTTTCCATCATATTTCCAGAAG 252
QY 268 GCTCTCGAAAGAGTGAATATGTGTCCATCCAGAGAGCTGATGGGATTTGTGACTTGGC 327
Db 251 GCTCTCGAAAGAGTGAATATGTGTCCATCCAGAGAGCTGATGGGATTTGTGACTTGGC 192
QY 328 TGCTGTCTATCTTCATGTCAAGCGCAGAGAAATCTGTGTGAGCGCCGACCACTACTGT 387
Db 191 TGCTGTCTATCTTCATGTCAAGCGCAGAGAAATCTGTGTGAGCGCCGACCACTACTGT 132
QY 388 TTAAGCAGTGGATGAAAGTGCAGCTGCCAGAAATATGTTAAAGGAAATGTTTGCCACAG 447
Db 131 TTAAGCAGTGGATGAAAGTGCAGCTGCCAGAAATATGTTAAAGGAAATGTTTGCCACAG 72
QY 448 GAAGAAACACCATGGCAAGAGGAAACAGTAAACAGGCGACATCAGGGGAAACACGAAACATA 507
Db 71 GAAGAAACACCATGGCAAGAGGAAACAGTAAACAGGCGACATCAGGGGAAACACGAAACATA 12
QY 508 CGGC 511
Db 11 CGGC 8

RESULT 4
US-09-146-580-8/c
; Sequence 8, Application US/09146580A
; Patent No. 6306653
; GENERAL INFORMATION:
; APPLICANT: Papsidero, Lawrence D
; APPLICANT: Dyster, Lyn M
; APPLICANT: Frustaci, Jana M
; TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE
; FILE REFERENCE: 200755/1002
; CURRENT APPLICATION NUMBER: US/09/146,580A
; CURRENT FILING DATE: 1998-09-03

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; EARLIER APPLICATION NUMBER: 60/071,889
; EARLIER FILING DATE: 1998-01-20
; EARLIER APPLICATION NUMBER: 60/092,155
; EARLIER FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 104
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-580-8

Query Match          5.2%; Score 104; DB 4; Length 104;
Best Local Similarity 100.0%; Pred. No. 1.8e-35;
Matches 104; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 745 ACTGGGATTATAGTGTGAGCCAGAGCTGCGCTGACCTAATTTCTTGTGATCAAAATTC 804
DB 104 ACTGGGATTATAGTGTGAGCCAGAGCTGCGCTGACCTAATTTCTTGTGATCAAAATTC 45

QY 805 AGCTTTAATGTTTGGTTAAGAAATTTCCCTACGTGAATTCGTGT 848
DB 44 AGCTTTAATGTTTGGTTAAGAAATTTCCCTACGTGAATTCGTGT 1

RESULT 5
US-09-033-333-3
; Sequence 3, Application US/09033333
; Patent No. 6197293
; GENERAL INFORMATION:
; APPLICANT: Yu, De Chao
; APPLICANT: Schuur, Eric
; TITLE OF INVENTION: ADENOVIRUS VECTORS SPECIFIC
; TITLE OF INVENTION: FOR CELLS EXPRESSING ANDROGEN RECEPTOR AND METHODS OF USE
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/033,333
; FILING DATE: 02-MAR-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Catherine, Polizzi M
; REGISTRATION NUMBER: 40,130
; REFERENCE/DOCKET NUMBER: 34802-20007.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5835 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-033-333-3

Query Match          2.6%; Score 52; DB 4; Length 5835;
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Best Local Similarity 100.0%; Pred. No. 2.8e-13;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1169 TTTTITTTTGAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 1220
DB 3899 TTTTITTTTGAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 3950

RESULT 6
US-09-033-556-2
; Sequence 2, Application US/09033556
; Patent No. 6432700
; GENERAL INFORMATION:
; APPLICANT: Henderson, Daniel R.
; APPLICANT: Yu, De Chao
; TITLE OF INVENTION: ADENOVIRUS VECTORS CONTAINING
; TITLE OF INVENTION: HETEROLOGOUS TRANSCRIPTION REGULATORY ELEMENTS AND METHODS
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/033,556
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Catherine, Polizzi M
; REGISTRATION NUMBER: 40,130
; REFERENCE/DOCKET NUMBER: 34802-20010.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5835 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-033-556-2

Query Match          2.6%; Score 52; DB 4; Length 5835;
Best Local Similarity 100.0%; Pred. No. 2.8e-13;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1169 TTTTITTTTGAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 1220
DB 3899 TTTTITTTTGAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 3950

RESULT 7
US-09-614-495-3
; Sequence 3, Application US/09614495
; Patent No. 6436394
; GENERAL INFORMATION:
; APPLICANT: Yu, De Chao
; APPLICANT: Schuur, Eric
; APPLICANT: Henderson, Daniel
; TITLE OF INVENTION: ADENOVIRUS VECTORS SPECIFIC
; TITLE OF INVENTION: FOR CELLS EXPRESSING ANDROGEN RECEPTOR AND METHODS OF USE
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Query Match 2.6%; Score 52; DB 3; Length 5836;
Best Local Similarity 100.0%; Pred. No. 2.8e-13;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1169 TTTTGTTCAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 1220
DB 3900 TTTTGTTCAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 3951

RESULT 10
US-08-891-581-1
Sequence 1, Application US/08891581
Patent No. 6136792
GENERAL INFORMATION:
APPLICANT: Henderson, Daniel R.
TITLE OF INVENTION: TISSUE SPECIFIC ENHANCER ACTIVE
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/891,581
FILING DATE:
APPLICATION DATE: US 08/380,916
FILING DATE: 30-JAN-1995
APPLICATION NUMBER: US 08/182,247
FILING DATE: 13-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Catherine, Polizzi M
REGISTRATION NUMBER: 40,130
REFERENCE/DOCKET NUMBER: 34802-20001.22
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5836 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-891-581-1

Query Match 2.6%; Score 52; DB 3; Length 5836;
Best Local Similarity 100.0%; Pred. No. 2.8e-13;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1169 TTTTGTTCAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 1220
DB 3900 TTTTGTTCAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 3951

RESULT 11
US-09-033-333-2
Sequence 2, Application US/09033333
Patent No. 6197293
GENERAL INFORMATION:
APPLICANT: Yu, De Chao
APPLICANT: Schuur, Eric
APPLICANT: Henderson, Daniel
TITLE OF INVENTION: ADENOVIRUS VECTORS SPECIFIC

TITLE OF INVENTION: FOR CELLS EXPRESSING ANDROGEN RECEPTOR AND METHODS OF USE
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/033,333
FILING DATE: 02-MAR-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Catherine, Polizzi M
REGISTRATION NUMBER: 40,130
REFERENCE/DOCKET NUMBER: 34802-20007.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5836 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-033-333-2

Query Match 2.6%; Score 52; DB 4; Length 5836;
Best Local Similarity 100.0%; Pred. No. 2.8e-13;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1169 TTTTGTTCAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 1220
DB 3900 TTTTGTTCAGACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 3951

RESULT 12
US-09-033-556-1
Sequence 1, Application US/09033556
Patent No. 6432700
GENERAL INFORMATION:
APPLICANT: Henderson, Daniel R.
APPLICANT: Yu, De Chao
TITLE OF INVENTION: ADENOVIRUS VECTORS CONTAINING
TITLE OF INVENTION: HETEROLOGOUS TRANSCRIPTION REGULATORY ELEMENTS AND METHODS
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/033,556
FILING DATE:

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/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Catherine, Polizzi M
/ REGISTRATION NUMBER: 40,130
/ REFERENCE/DOCKET NUMBER: 34802-20010.00
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-813-5600
/ TELEFAX: 650-494-0792
/ TELEX: 706141
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 5836 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-033-556-1

Query Match      2.6%; Score 52; DB 4; Length 5836;
Best Local Similarity 100.0%; Pred. No. 2.8e-13;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1169 TTTTGTGACACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 1220
Db 3900 TTTTGTGACACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 3951

RESULT 13
US-09-614-495-2
; Sequence 2, Application US/09614495
; Patent No. 6436394
; GENERAL INFORMATION:
; APPLICANT: Yu, De Chao
; Schuur, Eric
; Henderson, Daniel
; TITLE OF INVENTION: ADENOVIRUS VECTORS SPECIFIC
; FOR CELLS EXPRESSING ANDROGEN RECEPTOR AND METHODS OF USE
; THEREOF
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/614,495
; FILING DATE: 11-Jul-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/033,333
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Catherine, Polizzi M
; REGISTRATION NUMBER: 40,130
; REFERENCE/DOCKET NUMBER: 34802-20007.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5836 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 2:
/ US-09-614-495-2

Query Match      2.6%; Score 52; DB 4; Length 5836;
Best Local Similarity 100.0%; Pred. No. 2.8e-13;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1169 TTTTGTGACACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 1220
Db 3900 TTTTGTGACACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGC 3951

RESULT 14
US-09-167-681-45
; Sequence 45, Application US/09167681A
; Patent No. 6285561
; GENERAL INFORMATION:
; APPLICANT: Weinshilboum, M.D., Richard M.
; APPLICANT: Raftogiannis, Rebecca B.
; APPLICANT: Wood, Thomas C.
; APPLICANT: Oterness, Diane M.
; TITLE OF INVENTION: SULFOTRANSFERASE SEQUENCE VARIANTS
; FILE REFERENCE: 07039/118001
; CURRENT APPLICATION NUMBER: US/09/167,681A
; CURRENT FILING DATE: 1998-10-07
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 45
; LENGTH: 8447
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (4361)...(4507)
; NAME/KEY: CDS
; LOCATION: (4612)...(4737)
; NAME/KEY: CDS
; LOCATION: (4827)...(4925)
; NAME/KEY: CDS
; LOCATION: (6322)...(6447)
; NAME/KEY: CDS
; LOCATION: (6543)...(6638)
; NAME/KEY: CDS
; LOCATION: (7137)...(7316)
; NAME/KEY: CDS
; LOCATION: (7439)...(7553)
; US-09-167-681-45

Query Match      2.5%; Score 51; DB 4; Length 8453;
Best Local Similarity 100.0%; Pred. No. 7.4e-13;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1169 TTTTGTGACACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGG 1219
Db 1709 TTTTGTGACACAGAGTCTCACTCTGTTGCCAGGCTGGAGTGCAGTGG 1759

RESULT 15
US-08-965-048-5/c
; Sequence 5, Application US/08965048
; Patent No. 6323244
; GENERAL INFORMATION:
; APPLICANT: Chen, Hong
; APPLICANT: Freimer, Nelson
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND
; TREATMENT OF NEUROPSYCHIATRIC DISORDERS
; FILE REFERENCE: 7853-093
; CURRENT APPLICATION NUMBER: US/08/965,048
; CURRENT FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
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; LENGTH: 45716
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-965-048-5

Query Match 2.3%; Score 46; DB 4; Length 45716;
Best Local Similarity 100.0%; Pred. No. 9.3e-11;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1174 TTTTGAGACAGAGTCTCACTCTGTGCCCCAGGCTGGAGTGCAGTGG 1219
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DB 21355 TTTTGAGACAGAGTCTCACTCTGTGCCCCAGGCTGGAGTGCAGTGG 21310
|||||

Search completed: April 1, 2003, 03:10:26
Job time : 263 secs

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